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UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics

ANIMAL UNITS OF LIVESTOCK FED ANNUALLY
1919-20 to 1946-47

U. S. DEPARTMENT OF AGRICULTURE

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ANIMAL UNITS OF LIVESTOCK FED ANNUALLY
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There is a continued demand for a series of animal units that will take account of all the livestock and poultry fed on farms in a year, instead of only those livestock that appear in the January 1 inventory. As the most important use of animal units on a State or national basis is in the comparison of the feed requirements of livestock with the feed supply at a given time, an animal unit is wanted that will mean about the same quantity of feed consumption in one part of the country as another.

The series of animal units heretofore published by the Bureau of Agricultural Economics is based on the numbers of livestock on farms January 1. It does not include the many hogs and poultry that are fed during the year that are not on hand January 1. The series presented in this report includes all livestock fed in a year rather than only those on hand January 1. Another difference is that this series is computed by States whereas the former series was computed only for the United States. The feeding year commencing October 1 has been used as the year to which the animal units relate. October 1 is the beginning of the crop year for corn and also can be used for other feeds.

An "average" milk cow in the United States is used as the base animal unit in this study. An average milk cow in New York consumes more feed than does the average cow in the United States and therefore is more than one animal unit, but in several other States the average milk cow is less than one animal unit. The animal units given in this report are designed to apply at the State and national levels, but are not necessarily suitable for applying to individual farms or groups of farms.

The animal units given in this report for the years 1919-20 to 1946-47 were compiled by multiplying the number of each kind of livestock in each State by a constant factor of feed consumption. Thus, any trend in feed fed per head for a particular class of livestock over a period of years is not accounted for. Also, any changes in the production per head of milk, eggs or in the weight of hogs are disregarded. This may make the data somewhat misleading for some classes of livestock in some States, but when all classes are combined any such defect is probably not serious.

The table below shows, for the United States, the quantity of all concentrates fed per grain-consuming animal unit and the disappearance of hay per roughage-consuming unit, from 1926-27 to 1946-47.

Feed fed per unit of livestock

Year beginning Oct. 1	Concentrates (tons)	Hay (tons)	Year beginning Oct. 1	Concentrates (tons)	Hay (tons)
1926	.68	1.13	1937	.71	1.11
1927	.70	1.38	1938	.67	1.29
1928	.70	1.31	1939	.66	1.31
1929	.68	1.25	1940	.70	1.30
1930	.63	1.08	1941	.71	1.30
1931	.67	1.03	1942	.75	1.35
1932	.70	1.09	1943	.72	1.34
1933	.60	1.01	1944	.75	1.28
1934	.55	.87	1945	.80	1.38
1935	.68	1.14	1946	.80	1.45
1936	.55	1.12			

These data reflect not only changes in feed consumption per head but wide variations in feed supply, price, and demand, and in production per head of livestock. Apparently there has been no significant trend in the quantity of feed concentrates fed per grain-consuming animal unit, from 1926 to 1940. During and since the war livestock have generally been fed grain rather liberally. Production per head of milk and eggs has been high. Hogs have been marketed at above-average weights. Therefore in recent years one animal unit has represented a larger-than-average input of feed as compared with earlier years.

Three sets of animal units are presented in this report (1) Grain-consuming livestock, (2) roughage-consuming livestock, and (3) all livestock. Animal units of grain-consuming livestock are intended to show the number of all livestock combined that consume concentrated feeds of all kinds, including grain and byproduct feeds but excluding corn in silage. Animal units of roughage-consuming livestock are intended to show the number of all livestock combined that consume hay, silage, stover, straw, pasture, range forage, and other roughages. Animal units of all livestock are intended to show the number of all livestock combined that consume all feed including concentrates, hay, pasture, and other roughage.

In each case an animal unit is the equivalent in feed consumption of one average milk cow. In 1945-46, for example, there were 75,342,000 animal units of roughage-consuming livestock. This means that all of the farm livestock of this country in 1945-46 consumed as much roughage as would be consumed by 75,342,000 milk cows, at the constant rate of consumption used in the calculations. Also all of the livestock in 1945-46 consumed as much grain as 167,736,000 milk cows would have consumed, at the constant rate of consumption.

The rates of feed consumption in 1941-42 were used in this report. These rates are intermediate between the higher rates of recent years and the lower rates of the years before 1941.

The animal units were computed by multiplying the number of different classes of cattle, sheep, horses and mules, and hens and pullets, on farms on January 1 in each State, by factors that reflect the feed consumption of these classes for a year. In addition, the number of pigs saved, and chickens and turkeys raised, are multiplied by factors that represent their feed consumption in a year. Thus, the total for a given kind of livestock or of all livestock gives the animal units fed in a year and not just the animal units of livestock on farms on January 1.

The factors have been worked out by States, using the U. S. average annual feed consumption of one milk cow in 1941-42 as the basic unit. One unit of grain-consuming livestock represents about the same quantity of grain and other concentrates in terms of feed nutrients fed in each State. 1/ Likewise, a unit of roughage-consuming livestock represents about the same quantity of feed nutrients coming from hay, pasture, and other roughages in each State. An animal unit of all livestock represents the same quantity of feed of all kinds combined in every State. The animal units by States or by groups of States may be compared with each other without much distortion, with respect to general feed requirements.

The animal units fed cover the feeding year beginning October 1. The year beginning October 1 seems to be most acceptable as the beginning of the feeding year both for feed grains and for roughage. It is the end of the pasture season in much of the country, and although the hay year begins May 1 not much hay is fed from May 1 until the following fall. Much of the feed supply for the year beginning October 1 is utilized by the livestock on farms January 1 and by the pigs, chickens, and turkeys raised after January 1.

1/ The quantity of feed consumed by milk cows as well as for other classes of livestock varies considerably from State to State. See "Feed Consumed by Livestock, 1941-42." Bu. Agr. Econ., U.S. Dept. of Agr. 1946.

It is intended that the animal units will be calculated each year after the numbers of livestock on January 1 are available from reports of the Bureau of Agricultural Economics, although not all the livestock that will be fed in the feeding year are known in February. The spring pig crop and the number of chickens and turkeys to be raised are not known at that time. However, the indications from the December pig report are available as well as the number of hogs on January 1, and an estimate of the number of chickens and turkeys to be raised can be made from the reports of intentions. Thus a preliminary figure of animal units to be fed can be made after the number of livestock on farms on January 1 is known.

The factors used in calculating the three classes of animal units are given in tables 1, 3, and 4. Factors are given for the following categories of cattle on farms January 1, 2/: (1) Milk cows and heifers, 2 years old and over, (2) heifers and heifer calves kept for milk, (3) beef cows, 2 years old and over, (4) cattle on feed 3/; and (5) all other cattle. The factors for cattle on feed January 1 allow for all the cattle that are fed for market on grain and other concentrates during the entire feeding year. Two factors for sheep on farms January 1, 2/ are given: (1) Stock sheep and (2) sheep and lambs on feed. 4/ Two factors for horses and mules are given: 2/ (1) Horses and mules 2 years old and over, and (2) all colts. One factor is given for hogs. The number of hogs fed is computed as shown in footnote 3, table 1. 5/ Three factors are shown for chickens: (1) Hens and pullets on farms January 1, 2/, (2) chickens raised in year, 6/ and (3) commercial broilers produced. 6/ The broilers are not included in the item chickens raised. One factor is shown for turkeys produced which allows for the breeding flock, as well as for the turkeys raised during the year. 7/

Not all of the classes of livestock for which factors are given have been estimated by the Bureau as far back as 1920. Cattle on feed have been estimated by BAE beginning in 1930; the pig crops since 1924; hens and pullets January 1 and chickens raised have been estimated since 1924, and turkeys produced, since 1929. The number of animal units of beef cattle in each State (in the "grain-consuming livestock" and "all livestock" groups) for the years before 1930 was calculated by multiplying the number of beef cattle (all cattle excluding milk cows and milk heifers and heifer calves) by a factor obtained by dividing the number of animal units of beef cattle in 1930, 1931, and 1932, by the number of

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2/ Livestock on farms, January 1. BAE. Released in February each year.
3/ Cattle on feed January 1. BAE. Released in January each year.
4/ Sheep and lambs on feed January 1. BAE. Released in January each year.
5/ The pig crop report is issued in June and December of each year by BAE.
6/ Farm Production, Disposition and Income, Chickens and Eggs. Issued each April, with production data for the preceding year, by BAE.
7/ Farm Production, Disposition and Income from Turkeys. Issued in March by BAE.

beef cattle on farms on January 1. A similar procedure was used for hogs and chickens before 1924. Animal units of turkeys previous to 1929 were omitted.

The animal units of roughage-consuming livestock for beef cattle before 1930 were calculated by multiplying the number of "other cows" and "other cattle" by the same factors as in the years after 1930. The number of cattle on feed before 1930 is included in the number of "other cattle," as the factors for "cattle on feed" and "other cattle" are not greatly different.

The total animal units for grain-consuming livestock, roughage-consuming livestock, and all livestock are given in tables 5 to 7, by States. The total animal units by classes of livestock are given by groups of States in tables 8 to 10. The States were grouped as follows:

New England - Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut

Lower Northeastern - New York, Pennsylvania, New Jersey, Delaware, and Maryland

Corn Belt - Ohio, Indiana, Illinois, Iowa, and Missouri

Lake - Michigan, Wisconsin, and Minnesota

Northern Plains - North Dakota, South Dakota, Nebraska, and Kansas

Appalachian - Virginia, West Virginia, Kentucky, and Tennessee

Southeastern - North Carolina, South Carolina, Georgia, Florida, and Alabama

Delta - Arkansas, Mississippi, and Louisiana

Southern Plains - Oklahoma and Texas

Mountain and Intermountain - Montana, Idaho, Wyoming, Colorado, Utah, and Nevada

Southwestern - New Mexico and Arizona

Pacific Coast - Washington, Oregon and California

The animal units for 1945-46 and 1946-47 are preliminary. The 1945-46 figures are partly based on 1946 number of turkeys raised, for which only preliminary estimates were available in July 1947. The 1946-47 figures are based on the number of livestock on farms January 1, 1947 which number is preliminary. The spring pig crop reported in June 1947 and the number of chickens raised in 1947 (reported in July) were used in calculating animal units in 1946-47. The number of turkeys was estimated from reports of intentions, and a flat increase of 10 percent over 1946 was used for commercial broilers in 1947. Thus the 1946-47 animal units may be considerably different when they are revised to include the official estimates on poultry. The animal units in this report are based on the revised estimates of livestock for 1940-45 recently published by the Bureau of Agricultural Economics, based on the 1945 census.

The relative changes in grain-consuming as compared with roughage-consuming animal units and animal units of all livestock since 1919-20, are shown in figure 1. Grain-consuming units reached high points in 1922-23, 1932-33, and during the war in 1942-43 and 1943-44. They reached low points in the drought of the 1930's and are now on the downward trend from the high points reached during the war. Roughage-consuming livestock reached low points in 1927-28 and again after the droughts in 1938-39. Their numbers have been declining since the high point of the war in 1943-44 and are now about as low as in 1940-41.

Changes in composition of grain-consuming livestock since 1919-20 are shown in figure 2. There has been an increase in poultry, hogs, and dairy cattle, and a great decrease in horses and mules. The total in 1946-47 is not greatly different than it was in 1923-24 for the decrease in horses and mules has been offset by increases in other classes of livestock. During the war the great increase was in hogs and chickens.

The change in the composition of roughage-consuming livestock since 1919-20 is also very noticeable (fig. 3). Cattle now have more than replaced the decrease in horses and mules and now make up a much larger part of the total than in 1919-20. The total number of roughage-consuming livestock is now a little below the number in the early 1920's.

The relative changes in the importance of each class of livestock based upon the use of all feed, including pasture, are shown in figure 4. Cattle used about half of the total feed, including pasture, consumed in this country in 1919-20, and this percentage has increased in recent years. The total number of livestock in 1946-47 is about the same as in 1919-20 but hogs and poultry are a larger percentage of the total than they were in 1919-20. The substitution of mechanical power for horse power has permitted a considerable expansion of food-producing animals over the last 25 years.

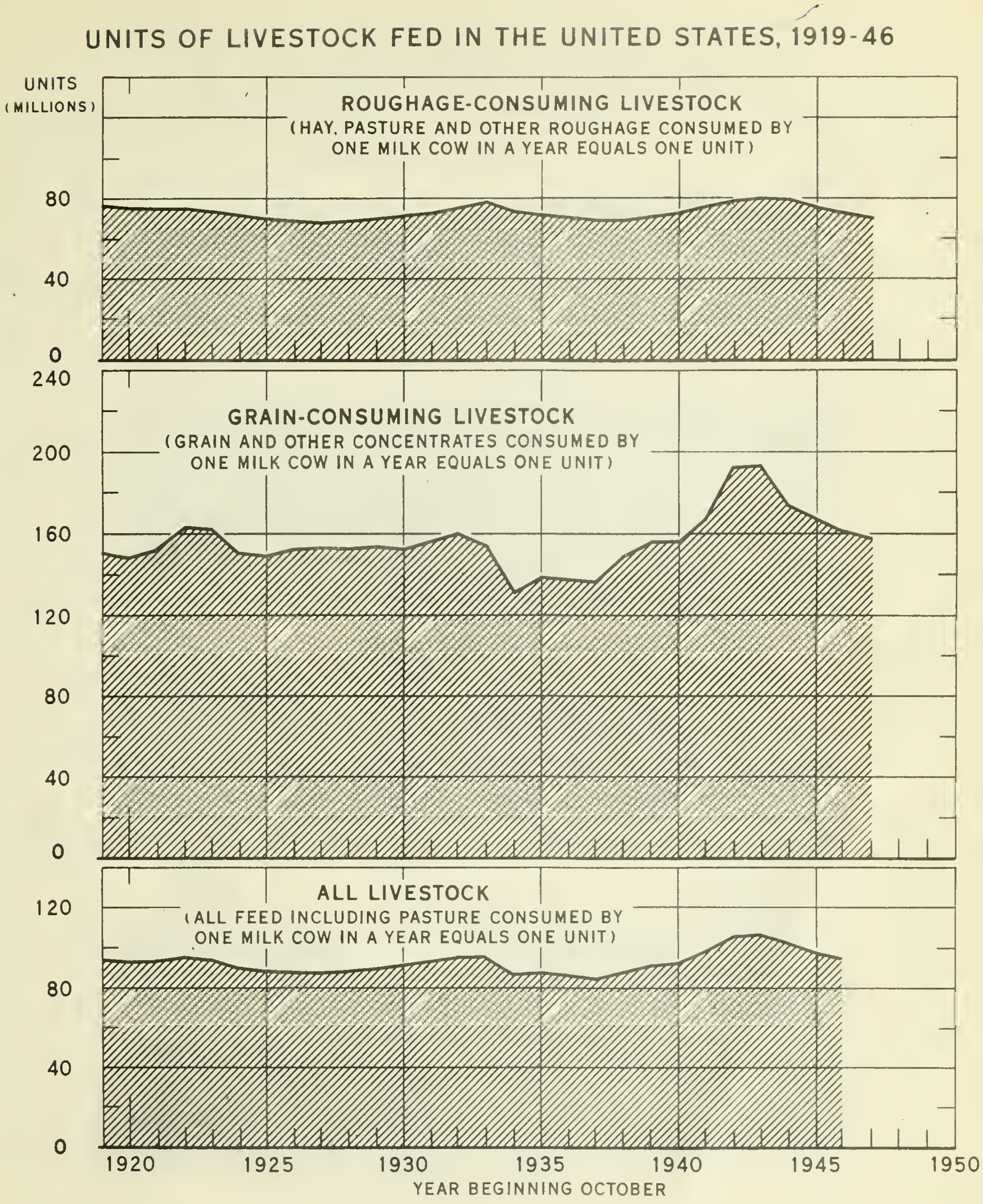

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Figure 1.- Grain-consuming livestock vary more from year to year than do roughage-consuming livestock. It does not take as long to increase poultry or hogs as it does cattle.

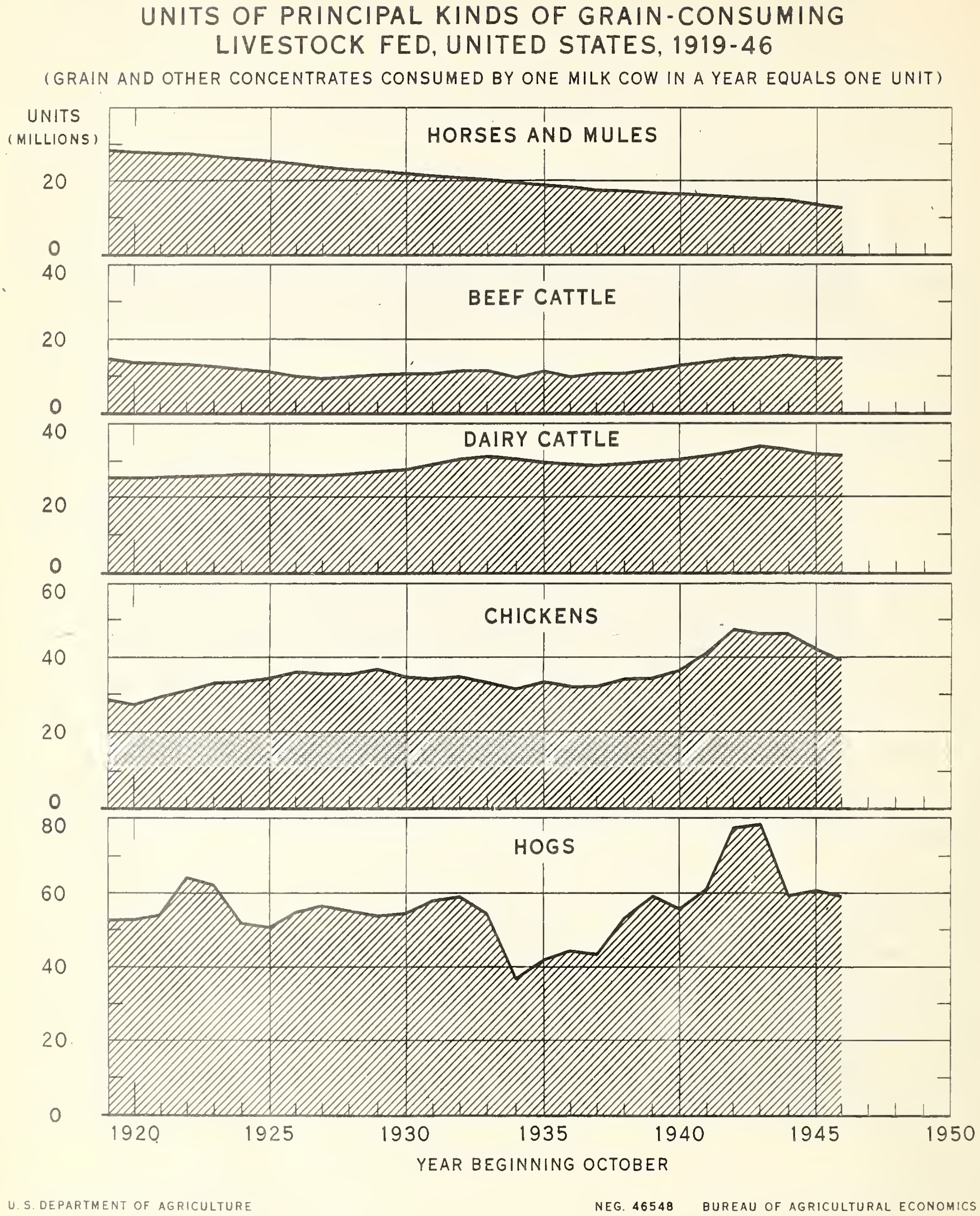

Figure 2. Hogs use more grain and vary more from year to year in the number fed than any other class of livestock.

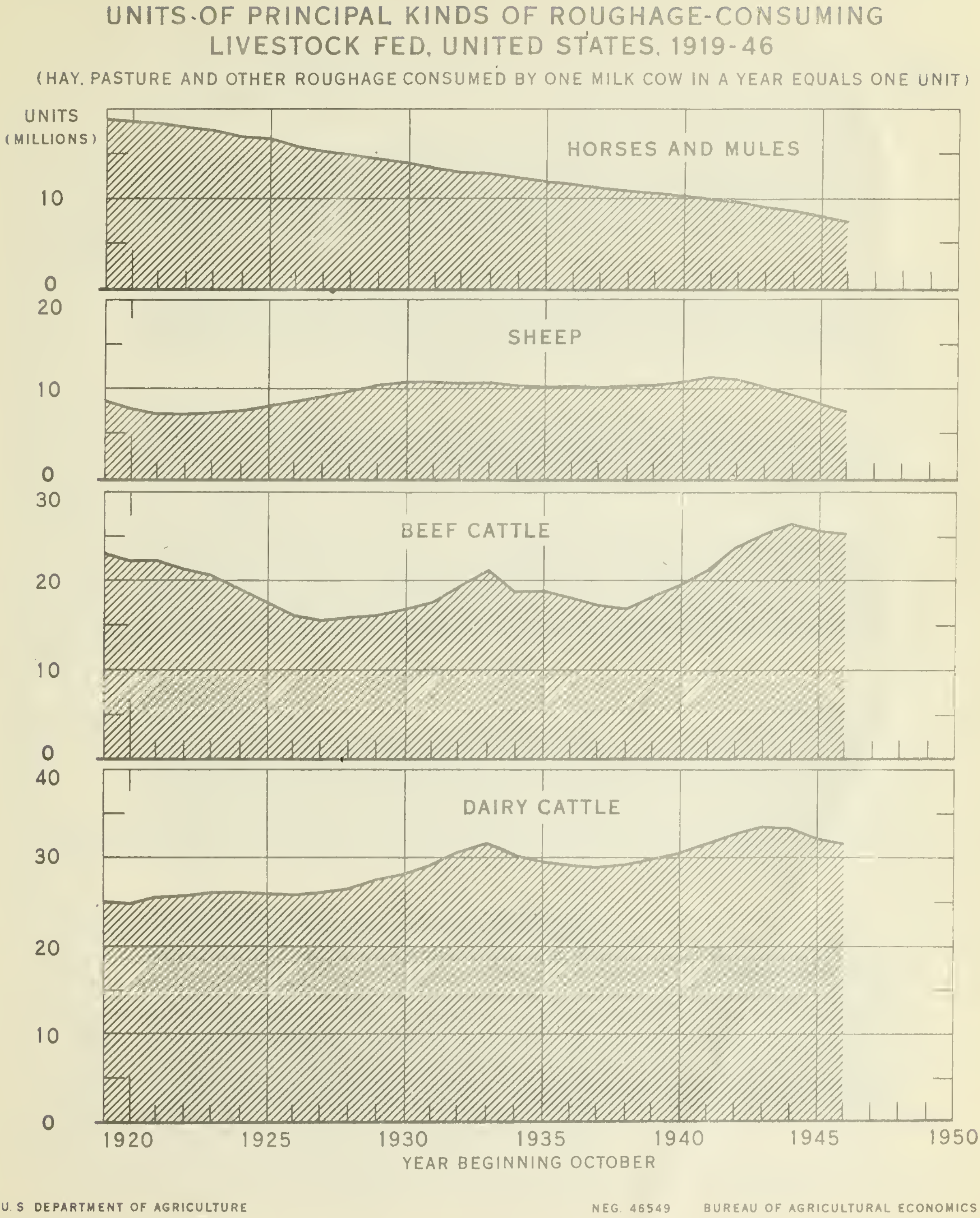

Figure 3.- The decline in horses and mules in the past 25 years has permitted a considerable increase in cattle, especially dairy cattle.

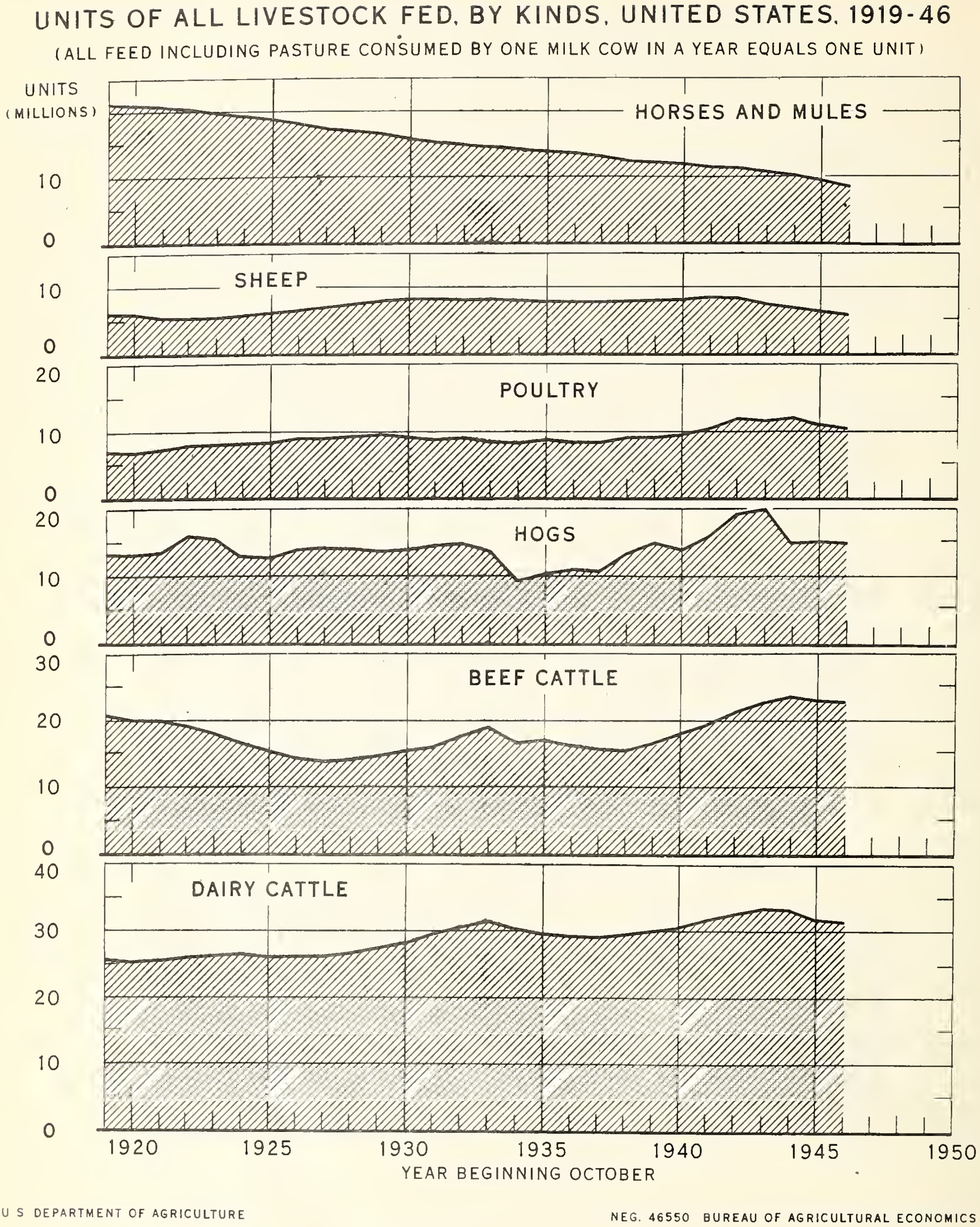

Figure 4.- Dairy cattle use more feed than any other class of livestock when all kinds of feed, including pasture, are considered.

Table 1.- Animal-unit factors for "grain"-consuming livestock fed in a year 1/

States	Cattle on farms Jan. 1 2/					Stock sheep on farms Jan. 1	Horses and mules on farms Jan. 1		Hogs fed during feeding year 3/	Hens and pullets on farms Jan. 1	Chickens raised during year	Turkeys produced during year
	Milk cows and heifers 2 years old and over	Heifers and heifer calves kept for milk	Beef cows 2 years old and over	Cattle on feed	All other cattle		2 years old and over	Colts				
Maine	1.1	.4	.30		.10	.030	1.5	.2	.80	.075	.020	.06
New Hampshire	1.0	.4	.30		.10	.030	1.3	.2	.80	.075	.020	.08
Vermont	1.1	.4	.30		.10	.030	1.7	.2	.80	.065	.020	.06
Massachusetts	1.6	.4	.30		.10	.030	1.8	.2	.85	.075	.020	.08
Rhode Island	1.5	.4	.30		.10	.030	1.3	.2	.80	.065	.020	.08
Connecticut	1.4	.4	.30		.10	.030	1.3	.2	.80	.070	.020	.06
New York	1.3	.4	.30		.10	.050	1.3	.2	.70	.065	.020	.08
New Jersey	1.8	.4	.30		.10	.030	1.9	.2	.70	.070	.020	.08
Pennsylvania	1.6	.4	.30	2.2	.10	.040	1.9	.2	.70	.065	.020	.08
Delaware	1.1	.4	.30		.10	.040	1.5	.2	.70	.060	.020	.08
Maryland	1.2	.4	.30		.10	.040	1.5	.2	.70	.080	.020	.08
Ohio	1.2	.5	.40	2.3	.30	.050	1.2	.2	.70	.066	.020	.06
Indiana	1.2	.5	.60	2.6	.40	.050	1.6	.2	.70	.060	.020	.06
Illinois	1.3	.5	.60	2.8	.40	.050	1.4	.2	.75	.065	.020	.08
Iowa	1.2	.5	.40	2.6	.30	.050	1.4	.2	.75	.055	.020	.08
Missouri	.9	.4	.30	2.1	.30	.040	1.2	.2	.70	.050	.020	.06
Michigan	1.0	.4	.30	2.0	.30	.050	1.1	.2	.65	.060	.020	.06
Wisconsin	1.0	.4	.30	1.9	.10	.050	1.1	.2	.70	.060	.020	.08
Minnesota	.8	.4	.40	1.8	.20	.050	1.2	.2	.75	.065	.020	.08
North Dakota	.7	.3	.20	1.6	.10	.030	1.0	.2	.75	.065	.020	.07
South Dakota	.8	.3	.20	1.9	.10	.020	.8	.2	.80	.065	.020	.07
Nebraska	.9	.3	.20	3.1	.20	.030	1.1	.2	.80	.065	.020	.07
Kansas	.9	.3	.10	2.1	.10	.030	1.1	.2	.70	.065	.020	.07
Virginia	.9	.4	.20		.10	.030	1.4	.2	.65	.065	.016	.07
West Virginia	.8	.4	.20		.10	.030	1.2	.2	.65	.055	.016	.07
Kentucky	.9	.4	.10		.10	.030	1.3	.2	.65	.045	.015	.07
Tennessee	.9	.4	.30		.10	.030	1.6	.2	.65	.045	.015	.07
North Carolina	1.1	.3	.30		.20	.030	1.8	.2	.65	.050	.016	.07
South Carolina	1.1	.3	.30		.20	-	2.3	.2	.60	.040	.015	.07
Georgia	1.0	.5	.30		.20	-	2.0	.2	.60	.040	.016	.07
Florida	1.6	.3	.10			-	2.0	.2	.36	.045	.016	.07
Alabama	.9	.3	.30		.20	-	2.1	.2	.60	.040	.016	.07
Mississippi	.8	.3	.30		.20	-	1.9	.2	.55	.035	.015	.07
Arkansas	.8	.3	.30		.20	-	1.5	.2	.40	.036	.016	.07
Louisiana	.6	.3	.10		.10	-	1.6	.2	.36	.030	.016	.07
Oklahoma	.8	.3	.10	1.2	.10	.010	1.1	.2	.70	.045	.015	.07
Texas	.9	.3	.10	1.4	.10	.015	1.4	.2	.65	.045	.016	.07
Montana	.6	.2	.10	0.7	.10	.016	.4	-	.65	.050	.015	.07
Wyoming	.6	.2	.10	0.7	.10	.015	.3	-	.60	.050	.015	.07
Colorado	.8	.2	.10	0.9	.10	.015	.5	-	.70	.065	.015	.07
Idaho	.7	.2	.10	0.7	.10	.015	.2	-	.80	.050	.015	.07
Utah	.8	.2	.02	0.7	.03	.010	.3	-	.60	.055	.016	.07
Nevada	.5	.2	.02	0.7	.01	.010	.1	-	.60	.050	.015	.07
New Mexico	.7	.2	.05	0.7	.06	.010	.7	-	.60	.060	.016	.07
Arizona	.8	.2	.02	0.7	.02	.005	.2	-	.55	.050	.016	.07
Washington	1.1	.2	.10	0.7	.06	.016	.3	-	.70	.065	.015	.08
Oregon	1.1	.2	.10	0.7	.06	.015	.3	-	.70	.060	.016	.06
California	1.1	.2	.10	0.7	.04	.015	.2	-	.85	.065	.015	.06
United States	1.00	.4	.153	2.08	.153	.023	1.29	.16	.693	.064	.018	.076

1/ The base (1.00) for the factors in this table is the quantity of grain and other concentrates expressed in feed units used by the average milk cow in the U. S. in a year (1354 feed units). Other livestock which are included in calculating animal units and for which the factors are the same in all States are: sheep and lambs on feed January 1, per head .12 per head; commercial broilers produced per head .0114.

2/ The factors for heifers and heifer calves kept for milk allow for dairy bulls, so the animal units calculated from columns 1 and 2 may be added to show the total animal units of all dairy cattle. Likewise factors for "all other cattle" allow for beef bulls and the animal units calculated from the factors in columns 3, 4, and 5 may be added to show the animal units of all beef cattle. However, since in BAE statistics the number of all bulls (dairy and beef are not shown separately) are included in "all other cattle" the factors for "all other cattle" in States where the number of dairy bulls is a large part of the number of "all other cattle" are much smaller than in other States.

3/ The number of hogs fed in the feeding year beginning October 1 is obtained by adding from 35 to 55 percent of the spring pig crop of the year in which the October 1 in question falls, 100% of the fall pig crop of the same year, and from 85 to 45 percent of the spring pig crop of the following year. The percentages vary by States and are given in Table 2. For the country as a whole, in a normal year, about 45% of the feed for the spring pig crop of a given year is fed before October 1, and 55% after October 1. Nearly all the feed for the fall crop of pigs is fed within the feeding year beginning October 1.

4/ The factors for the United States, when multiplied by the number of livestock in the United States, will not give exactly the same number of animal units each year as when the State factors are multiplied by the numbers of livestock in each State and the animal units for all States are added. The U. S. factors were calculated to give close agreement for the period 1939-40 to 1945-46.

Table 2.- Feed fed to spring pig crop after October 1 - Estimated percenta
of total, by States

State	Percent	State	Percent
Maine	60	North Carolina	65
New Hampshire	60	South Carolina	65
Vermont	60	Georgia	65
Massachusetts	60	Florida	65
Rhode Island	60	Alabama	65
Connecticut	60		
		Mississippi	65
New York	60	Arkansas	65
New Jersey	60	Louisiana	65
Pennsylvania	60		
Delaware	60	Oklahoma	60
Maryland	60	Texas	60
Ohio	45	Montana	50
Indiana	45	Wyoming	50
Illinois	50	Colorado	50
Iowa	50	Idaho	50
Missouri	45	Utah	50
		Nevada	50
Michigan	45		
Wisconsin	45	New Mexico	50
Minnesota	50	Arizona	50
North Dakota	55	Washington	50
South Dakota	55	Oregon	50
Nebraska	55	California	50
Kansas	50		
Virginia	60		
West Virginia	60		
Kentucky	50		
Tennessee	50	United States	55

Table 3.- Animal-unit factors for roughage-consuming livestock fed in a year 1/

States	Cattle on farms January 1					Stock sheep on farms Jan. 1	Horses and mules 2 years old and over	Horse and mule colts
	Milk cows 2 years old and over	Heifers and heifer calves kept for milk	Beef cows 2 years old and over	Cattle on feed	All other cattle			
Maine	1.1	.5	1.0		.4	.2	.9	.5
New Hampshire	1.1	.5	1.0		.4	.2	.8	.5
Vermont	1.1	.5	1.0		.4	.2	.8	.5
Massachusetts	1.1	.5	1.0		.4	.2	.7	.5
Rhode Island	1.1	.5	1.0		.4	.2	.8	.5
Connecticut	1.1	.5	1.0		.4	.2	.9	.5
New York	1.1	.5	1.0		.4	.2	.8	.5
New Jersey	1.1	.5	1.0		.4	.2	.7	.5
Pennsylvania	1.1	.5	1.0	.30	.4	.2	.8	.5
Delaware	.9	.5	1.0		.4	.2	.8	.5
Maryland	.9	.5	1.0		.4	.2	.7	.5
Ohio	1.0	.5	1.0	.30	.4	.2	.8	.5
Indiana	1.0	.5	1.0	.30	.4	.2	.8	.5
Illinois	1.0	.5	1.0	.30	.4	.2	.8	.5
Iowa	.9	.4	1.0	.30	.4	.2	.8	.5
Missouri	.9	.4	1.0	.30	.4	.2	.8	.5
Michigan	1.1	.5	1.0	.30	.4	.2	.7	.5
Wisconsin	1.1	.5	1.0	.30	.4	.2	.8	.5
Minnesota	1.1	.5	1.0	.30	.4	.2	.8	.5
North Dakota	.9	.4	1.0	.30	.5	.2	.8	.5
South Dakota	.9	.4	1.0	.30	.5	.2	.8	.5
Nebraska	1.0	.5	1.0	.30	.5	.2	.8	.5
Kansas	1.0	.5	1.0	.30	.5	.2	.9	.5
Virginia	.9	.4	.9		.4	.2	.8	.5
West Virginia	.9	.4	.9		.4	.2	.8	.5
Kentucky	.9	.4	.9		.4	.2	.7	.4
Tennessee	.8	.4	.7		.3	.2	.7	.4
North Carolina	.8	.4	.7		.3	.2	.6	.3
South Carolina	.8	.3	.7		.3	.2	.5	.3
Georgia	.8	.3	.6		.3	.2	.6	.3
Florida	.7	.3	.6		.3	.2	.4	.3
Alabama	.7	.3	.6		.3	.2	.5	.3
Mississippi	.7	.3	.6		.3	.2	.6	.3
Arkansas	.7	.3	.6		.3	.2	.7	.3
Louisiana	.8	.3	.6		.3	.2	.5	.3
Oklahoma	.8	.3	.8	.30	.4	.2	.8	.4
Texas	.8	.4	.8	.30	.4	.2	.7	.4
Montana	1.1	.5	1.0	.45	.5	.2	1.0	.6
Wyoming	1.2	.5	1.0	.45	.5	.2	.9	.6
Colorado	1.1	.5	1.0	.60	.5	.2	.9	.6
Idaho	1.2	.5	1.0	.45	.5	.2	1.1	.6
Utah	1.4	.5	1.0	.45	.5	.2	1.1	.6
Nevada	1.3	.5	1.0	.45	.5	.2	1.1	.6
New Mexico	1.1	.5	.9	.45	.4	.2	.9	.6
Arizona	1.4	.5	.9	.45	.4	.2	.9	.6
Washington	1.3	.5	1.0	.45	.5	.2	1.0	.6
Oregon	1.2	.5	1.0	.45	.5	.2	.9	.6
California	1.5	.5	1.0	.45	.5	.2	1.0	.6
United States 2/	1.00	.42	.89	.32	.42	.20	.76	.41

1/ The base (1.0) for the factors used in this table is the quantity of hay, silage, stover, and pasture expressed feed units used by the average milk cow in the U. S. in a year. Other livestock for which the factors are the same in all States are: goats clipped, per head .2; hogs per head, Jan. 1, .01; chickens per head, Jan. 1, .0012; turkeys per head produced during year, .0024; sheep and lambs on feed Jan. 1, per head, .058.

2/ See footnote 4, table 1.

Table 4.- Animal-unit factors for all livestock fed in a year 1/

States	Cattle on farms January 1 2/					Stock sheep on farms Jan. 1	Horses and mules 2 years old and over on farms Jan. 1	Hogs fed during feeding year 3/	Hens and pullets on farms Jan. 1	Chickens raised during year	Turkeys produced during year
	Milk cows and heifers 2 years old and over	Heifers and heifer calves kept for milk	Beef cows 2 years old and over	Cattle on feed	All other cattle						
Maine	1.1	.5	.8		.3	.15	1.2	.19	.019	.0050	.02
New Hampshire	1.1	.5	.8		.3	.15	1.0	.19	.019	.0050	.02
Vermont	1.1	.5	.8		.3	.15	1.0	.19	.017	.0050	.02
Massachusetts	1.2	.5	.8		.3	.15	1.0	.16	.018	.0050	.02
Rhode Island	1.2	.5	.8		.3	.15	1.0	.19	.016	.0050	.02
Connecticut	1.2	.5	.8		.3	.15	1.0	.19	.018	.0050	.02
New York	1.2	.5	.8		.3	.15	1.0	.16	.017	.0045	.02
New Jersey	1.3	.5	.8		.3	.15	1.0	.16	.018	.0045	.02
Pennsylvania	1.2	.5	.8	.7	.3	.15	1.0	.17	.017	.0045	.02
Delaware	1.0	.5	.8		.3	.15	1.0	.17	.015	.0045	.02
Maryland	1.0	.5	.8		.3	.15	1.0	.18	.016	.0045	.02
Ohio	1.1	.5	.8	.8	.4	.15	0.9	.17	.016	.0050	.02
Indiana	1.1	.5	.8	.8	.4	.15	0.9	.18	.016	.0050	.02
Illinois	1.1	.5	.8	.8	.4	.15	0.9	.19	.015	.0050	.02
Iowa	1.0	.5	.8	.8	.4	.15	0.9	.19	.014	.0050	.02
Missouri	.9	.4	.8	.8	.4	.15	0.9	.17	.013	.0040	.02
Michigan	1.1	.5	.8	.7	.3	.15	0.8	.17	.015	.0045	.02
Wisconsin	1.1	.5	.8	.7	.2	.15	0.9	.18	.015	.0040	.02
Minnesota	1.0	.5	.8	.7	.3	.15	0.9	.20	.014	.0045	.02
North Dakota	.8	.4	.8	.6	.4	.15	0.8	.20	.014	.0045	.02
South Dakota	.8	.4	.8	.6	.4	.15	0.8	.20	.013	.0045	.02
Nebraska	1.0	.4	.8	.9	.4	.15	0.8	.20	.014	.0045	.02
Kansas	1.0	.4	.8	.8	.4	.15	0.9	.19	.013	.0040	.02
Virginia	.9	.4	.8		.4	.15	0.9	.16	.014	.0040	.02
West Virginia	.8	.4	.8		.4	.15	0.9	.17	.014	.0040	.02
Kentucky	.9	.4	.8		.4	.15	0.9	.16	.011	.0040	.02
Tennessee	.8	.4	.6		.3	.12	0.9	.16	.010	.0040	.02
North Carolina	.9	.4	.6		.3	.12	0.9	.16	.013	.0040	.02
South Carolina	.9	.3	.6		.3	.12	0.9	.15	.010	.0035	.02
Georgia	.9	.3	.6		.3	.12	0.9	.15	.011	.0035	.02
Florida	.9	.3	.5		.3	.12	0.8	.10	.011	.0035	.02
Alabama	.8	.3	.5		.3	.12	0.9	.15	.010	.0035	.02
Mississippi	.7	.3	.5		.3	.12	0.9	.13	.010	.0035	.02
Arkansas	.7	.3	.5		.3	.12	0.9	.10	.010	.0035	.02
Louisiana	.7	.3	.5		.3	.12	0.8	.10	.010	.0035	.02
Oklahoma	.8	.3	.7	.5	.3	.15	0.9	.17	.011	.0035	.02
Texas	.8	.3	.7	.5	.3	.15	0.9	.16	.011	.0035	.02
Montana	1.0	.4	.8	.5	.4	.15	0.8	.16	.013	.0040	.02
Wyoming	1.1	.4	.8	.5	.4	.15	0.8	.15	.013	.0040	.02
Colorado	1.0	.4	.8	.7	.4	.15	0.8	.17	.014	.0040	.02
Idaho	1.1	.4	.8	.5	.4	.16	0.8	.15	.013	.0040	.02
Utah	1.2	.4	.8	.5	.4	.15	0.9	.15	.016	.0040	.02
Nevada	1.1	.4	.8	.5	.4	.15	0.8	.15	.012	.0035	.02
New Mexico	1.0	.4	.7	.5	.3	.15	0.9	.15	.013	.0035	.02
Arizona	1.2	.4	.7	.5	.3	.15	0.8	.15	.013	.0035	.02
Washington	1.2	.4	.8	.5	.4	.15	0.9	.17	.016	.0045	.02
Oregon	1.1	.4	.8	.5	.4	.15	0.8	.17	.016	.0035	.02
California	1.3	.4	.8	.5	.4	.15	0.8	.17	.016	.0045	.02
United States 4/	1.00	.43	.72	.74	.36	.15	0.88	.176	.0136	.0042	.02

1/ The base (1.0) for the factors used in this table is the quantity of all feeds including pasture expressed in feed units used by the average milk cow in U. S. in a year. Other livestock for which the factors are the same for all States are; Sheep and lambs on feed January 1, per head .074; colts per head January 1, .5; commercial broilers per head produced .0026, goats clipped per head, .15.

2/ See footnote 2, table 1.

3/ See footnote 3, table 1.

Table 5.- Grain-consuming livestock: Animal units fed in year beginning October 1, by States, 1919-20 to 1946-47

State	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	1929-30	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46 1/	1946-47 1/
											Thousand Units																	
Maine	641	608	597	596	599	592	573	569	551	524	533	538	545	555	533	510	521	533	517	531	538	527	559	621	676	656	575	554
New Hampshire	336	320	320	319	311	313	298	288	282	271	271	279	286	300	300	298	325	334	336	342	339	344	387	448	477	490	433	417
Vermont	651	645	635	636	626	607	590	589	581	570	567	572	577	591	565	546	561	566	568	579	582	585	586	617	649	637	612	591
Massachusetts	659	620	629	647	636	625	607	599	612	626	635	661	686	706	691	695	745	792	775	821	821	835	890	1,002	1,097	1,101	1,015	942
Rhode Island	84	81	83	82	82	83	83	80	77	80	83	82	83	89	87	83	87	90	90	94	93	98	104	114	120	120	112	106
Connecticut	451	427	428	428	422	435	429	420	423	425	439	450	471	496	487	492	525	540	544	567	590	618	672	776	799	796	701	677
New York	4.569	4,354	4.316	4,337	4.178	4.038	3.979	3.914	3.933	3.892	3,934	3.862	3.936	4,026	3.942	3.760	3.847	3.938	3.917	4.037	4,029	4,007	4,133	4,514	4,626	4,529	4,283	4,145
New Jersey	937	883	869	859	846	834	847	872	892	894	936	878	892	914	891	903	964	966	1.002	1.047	1,078	1,122	1,256	1,469	1,520	1,526	1,458	1,461
Pennsylvania	5.004	4.815	4.847	4.856	4,959	4.623	4.553	4,571	4,524	4.441	4.475	4.294	4,335	4,380	4.336	4.410	4.574	4.671	4.623	4.727	4,783	4,726	4,874	5,466	5,682	5,613	5,370	5,250
Delaware	226	217	216	220	226	228	233	272	270	286	312	299	307	328	282	299	325	384	415	459	526	772	843	912	867	1,068	843	894
Maryland	1,054	1,022	1,017	1,012	1.030	999	998	1,001	1,013	1,027	1,032	1,002	1,010	1,233	982	1,002	995	1,029	1,041	1,123	1,183	1,218	1,287	1,416	1,465	1,641	1,484	1,487
Ohio	7.517	7.297	7.311	7.522	7.435	6.976	6,730	7.028	7.050	7.171	7.222	7,073	7.457	8,081	7.749	6,826	7.157	7.397	7.323	7,825	8,239	8,212	8,506	9,324	9,343	8,212	8,004	7,786
Indiana	7.763	7.339	7.070	7.870	7.634	6.723	6,713	7.013	7.040	6.905	6.763	6,742	7.078	7.928	7.746	6.352	6.756	6,980	7.061	7.666	8,250	8,287	8,761	9,567	9,797	8,685	8,596	8,511
Illinois	11,740	11,515	11.071	12,523	12.306	11,481	11.102	11.159	10.973	10.779	10.702	10.796	11.377	12.131	11.550	9.519	10.203	10.343	9.175	11.150	12,101	12,295	13,120	14,542	14,314	13,047	13,077	12,650
Iowa	17.113	16.617	17,814	21.005	20.877	18,486	18,214	18.915	18,751	18.675	19,417	19.577	19.388	18,999	18.319	14,844	16,424	15.837	16.707	18.181	19,428	19,798	19,830	24,924	24,404	21,755	21,406	21,103
Missouri	8.866	9.069	9.490	10.204	10.055	8.704	8,696	9.002	9,043	9.046	8.870	8,401	9.052	9.534	9.229	6.582	6.954	6.381	6.545	7.607	8,288	8,435	9,194	10,603	11,233	9,202	8,857	8,650
Michigan	4.000	3.875	3.933	3.987	4.019	3.847	3.720	3.774	3.691	3.498	3.423	3.408	3.627	3.869	3.703	3.384	3.594	3.691	3.654	3.780	3,998	4,042	4,173	4,577	4,625	4,232	3,989	3,772
Wisconsin	5.801	5.932	5,936	6,264	6.337	6.065	6,121	6,407	6.146	5.901	6,123	6.282	6,349	6,313	6,292	5.905	6.325	6.273	6,220	6.552	6,885	7,035	7,603	8,197	8,258	7,580	7,442	7,225
Minnesota	7.187	7.388	7,884	8,874	9.148	8.443	8.517	8,819	8.390	8,443	9.001	9.317	9.297	8.910	8,450	7.056	7.654	7.844	8,097	8.923	9,542	9,797	10,683	12,019	11,654	10,277	10,110	9,560
North Dakota	2.111	2.093	2.142	2.307	2.522	2.562	2.500	2.407	2,393	2.564	2,604	2.674	2.701	2.536	2,335	1.818	1.964	1.803	1,753	1.891	2,038	2,137	2,491	2,932	2,943	2,466	2,245	1,998
South Dakota	4.179	3,975	4.335	5.262	5.270	5.017	4,818	4,786	4,887	4.969	5.173	5.329	4.737	4.473	3.858	2.491	2.803	2.520	2.448	2.921	3,235	3,335	3,880	4,771	4,671	4,119	4,111	3,960
Nebraska	6.736	7.602	8,229	9.926	10.460	9.931	9.348	9.208	9.526	9.839	9.846	10,010	9.883	9.547	9.454	6.249	6,749	5,548	5.147	5.855	6,219	5,951	6,972	9,088	8,757	7,638	7,696	7,151
Kansas	5.774	5.962	6.460	7.097	7.110	6.742	6,440	6,411	6,599	6.910	6.984	6.688	7.016	7.162	6.672	4.724	4,716	4,039	3.806	4.440	4,590	4,589	5,472	6,684	6,281	5,304	5,035	4,583
Virginia	2.537	2,421	2,367	2.392	2.355	2.189	2,200	2,229	2,292	2.230	2.247	2.115	2,178	2.218	2.141	2,061	2.163	2.217	2.228	2.340	2,379	2,354	2,524	2,843	3,050	2,810	2,678	2,681
West Virginia	1.042	1,002	1,010	1.002	978	944	901	906	911	903	902	863	855	949	940	895	941	915	911	953	960	954	994	1,144	1,194	1,064	1,033	1,022
Kentucky	3,157	2.973	2.888	3.013	2.962	2.779	2.855	3,063	3.037	2.883	2.736	2,634	2.773	3.017	3.029	2.834	2.885	2.891	2,895	3.126	3,247	3,095	3,440	3,961	3,891	3,284	3,240	3,141
Tennessee	3.523	3.333	3.360	3.483	3.249	2.936	2,902	3,026	3.166	2.966	2,805	2.707	2,831	3,073	2.951	2.817	2,898	2.929	2,948	3.202	3,280	3,080	3,362	3,919	3,972	3,407	3,227	3,211
North Carolina	2.687	2,651	2,640	2,589	2,568	2.442	2,391	2,528	2,546	2,366	2.258	2.304	2.431	2,541	2.491	2.428	2.491	2.600	2.621	2.736	2,713	2,720	2,887	3,347	3,565	3,343	3,096	3,118
South Carolina	1.589	1,552	1,551	1.547	1.513	1.365	1,333	1.344	1,346	1.264	1.261	1.272	1.349	1,385	1.320	1.340	1.372	1,398	1.366	1.447	1,499	1,398	1,450	1,617	1,721	1,645	1,621	1,612
Georgia	3,197	3.060	2.958	2,793	2.682	2.504	2.552	2.558	2.587	2.490	2.548	2.523	2.587	2.644	2.672	2.591	2.648	2.779	2.789	2.997	3,014	2,905	3,170	3,605	3,785	3,509	3,295	3,358
Florida	704	713	698	697	666	606	628	672	675	660	648	664	684	687	683	680	711	726	762	826	839	840	888	962	1,037	1,016	1,001	995
Alabama	2,631	2,527	2,458	2.447	2.336	2,113	2.166	2,257	2.329	2.279	2.204	2.178	2,268	2.421	2.397	2.303	2.340	2.606	2,383	2.545	2,553	2,373	2,548	2,837	3,083	2,803	2,715	2,637
Mississippi	2.496	2.323	2.317	2.245	2.179	2,035	2,085	2,174	2,222	2.152	2,166	2.157	2.245	2,351	2.353	2.342	2.358	2.424	2.470	2.599	2,544	2,387	2,558	2,881	3,011	2,766	2,699	2,613
Arkansas	2.281	2,182	2.189	2.142	2.026	1.985	1.993	1,995	2.003	1,924	1.927	1.825	2.027	2.217	2.163	2.030	2.017	2.129	2.165	2.367	2,402	2,354	2,460	2,758	2,661	2,419	2,302	2,234
Louisiana	1.355	1.295	1.248	1,229	1.202	1.140	1.164	1,193	1,187	1.178	1.223	1.201	1,270	1.320	1.357	1.372	1.346	1.391	1,400	1,488	1,505	1,468	1,502	1,598	1,689	1,614	1,530	1,448
Oklahoma	3.568	3.449	3.643	3.724	3.538	3.309	3.265	3.435	3.551	3.550	3.475	3.209	3.499	3.728	3.492	3.007	3.090	2.974	2.970	3.323	3,466	3,241	3,666	4,391	4,129	3,410	3,294	2,943
Texas	8.024	8.103	8,054	7.880	7.587	7.192	7.414	7.630	7.673	7.838	7.467	7.281	7.863	8.067	7.643	6.860	7.076	7.377	7.156	7.404	7,630	7,302	8,027	9,116	9,135	8,215	7,667	7,034
Montana	800	787	840	892	968	947	927	886	888	948	952	932	908	895	891	755	716	615	571	649	748	780	866	1,029	1,092	931	867	774
Wyoming	340	327	344	363	377	356	368	366	378	391	401	420	416	409	396	329	359	357	354	382	401	386	407	449	451	394	384	375
Colorado	1,431	1.442	1,466	1.635	1.590	1.512	1.468	1.398	1.529	1.617	1.678	1.640	1.659	1.546	1.501	1.223	1.226	1.255	1.214	1.275	1,324	1,259	1,477	1,756	1,721	1,416	1,361	1,196
Idaho	624	590	653	700	738	658	673	699	717	733	718	751	752	705	710	652	704	785	767	842	940	933	1,020	1,087	1,037	838	741	686
Utah	313	291	312	342	353	329	350	384	404	441	478	481	438	419	408	370	447	479	478	502	520	536	614	703	746	702	634	564
Nevada	86	83	87	92	95	90	91	88	86	94	92	95	92	84	81	76	89	93	89	85	91	98	93	95	94	94	94	87
New Mexico	416	432	446	417	401	391	375	383	374	378	401	392	419	434	419	372	380	393	387	394	412	398	421	470	462	411	375	344
Arizona	211	197	194	195	183	180	169	170	161	158	149	164	178	175	178	154	183	186	195	182	198	201	216	239	208	193	187	172
Washington	1,092	1.049	1.038	1.095	1.121	1,121	1,171	1,250	1,329	1,276	1.298	1.324	1.315	1.305	1.271	1.196	1.278	1.306	1.280	1.339	1,417	1,431	1,516	1,650	1,659	1.460	1,310	1,236
Oregon	854	826	833	859	884	851	843	861	891	954	932	959	1.025	968	942	932	1.019	1.087	1,105	1,151	1,189	1,177	1,245	1,358	1,356	1,266	1,120	1,018
California	2.437	2,355	2.438	2.520	2.494	2.365	2,516	2.846	3,093	3.267	3.305	3,096	2.895	2.859	2,806	2.687	3.004	2.942	3.204	3.229	3,392	3,500	3,690	4,013	4,100	3,968	3,811	3,681
United States	150,794	148,619	151,664	163,126	162,133	150,694	148,909	152,446	153,022	152,676	153,616	152,401	156,047	159,518	153,688	131,054	138,509	137,353	136,472	148,501	156,038	155,935	167,317	192,411	193,107	173,672	167,736	161,653

1/ Preliminary.

Table 6.- Roughage-consuming livestock: Animal units fed in year beginning October 1, by States, 1919-20 to 1946-47

State	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	1929-30	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46 1/	1946-47 1/
	Thousand Units																											
Maine	367	346	329	320	316	312	304	296	284	273	278	285	290	288	288	276	260	257	252	249	248	240	228	229	242	243	232	226
New Hampshire	177	175	173	164	155	148	138	131	128	129	132	136	138	138	139	134	129	127	126	125	125	122	119	118	128	126	122	119
Vermont	465	471	470	467	456	425	425	421	424	424	425	435	440	449	434	422	425	431	433	437	437	441	429	435	450	449	445	437
Massachusetts	239	241	247	248	236	224	213	205	203	200	201	200	202	195	199	202	202	206	203	206	208	207	202	200	215	208	206	197
Rhode Island	36	34	34	34	31	31	31	29	29	29	30	30	30	30	31	28	28	29	29	29	29	29	30	30	31	31	30	30
Connecticut	194	191	192	193	190	189	179	172	166	167	169	175	183	186	186	184	183	185	184	185	186	186	185	186	189	191	184	181
New York	2,519	2,453	2,415	2,363	2,294	2,215	2,159	2,103	2,118	2,130	2,157	2,166	2,195	2,248	2,228	2,093	2,091	2,134	2,154	2,189	2,197	2,218	2,211	2,202	2,224	2,252	2,184	2,144
New Jersey	231	227	222	216	207	201	193	189	191	190	190	190	192	197	205	214	217	217	217	218	222	226	226	230	239	234	232	233
Pennsylvania	1,868	1,811	1,804	1,794	1,726	1,661	1,597	1,554	1,559	1,561	1,592	1,591	1,616	1,627	1,636	1,653	1,628	1,613	1,604	1,593	1,598	1,604	1,613	1,647	1,685	1,720	1,685	1,685
Delaware	69	67	65	64	64	65	65	63	64	65	64	63	63	63	61	61	60	59	59	59	59	60	61	62	64	63	61	58
Maryland	353	348	344	340	341	337	332	323	324	330	335	330	330	330	330	331	328	326	328	333	338	348	350	359	364	371	367	364
Ohio	2,518	2,457	2,409	2,359	2,306	2,233	2,198	2,174	2,138	2,133	2,171	2,196	2,269	2,339	2,394	2,402	2,398	2,324	2,296	2,304	2,322	2,332	2,361	2,398	2,362	2,278	2,171	2,079
Indiana	1,907	1,836	1,773	1,737	1,707	1,667	1,660	1,675	1,669	1,655	1,643	1,684	1,732	1,779	1,819	1,792	1,754	1,717	1,689	1,693	1,673	1,746	1,775	1,807	1,821	1,778	1,679	1,647
Illinois	3,238	3,044	2,950	2,978	2,920	2,826	2,760	2,675	2,548	2,533	2,530	2,600	2,679	2,767	2,837	2,810	2,768	2,666	2,591	2,589	2,653	2,715	2,774	2,825	2,842	2,759	2,670	2,665
Iowa	4,163	4,044	4,260	4,142	4,150	4,003	3,874	3,779	3,643	3,654	3,703	3,755	3,817	3,876	4,019	3,962	3,925	3,736	3,715	3,678	3,843	4,016	4,125	4,221	3,906	4,141	3,832	3,813
Missouri	3,027	3,021	2,972	2,904	2,857	2,682	2,617	2,544	2,509	2,590	2,656	2,742	2,816	2,879	2,888	2,666	2,632	2,494	2,497	2,564	2,738	2,828	2,941	3,103	3,229	3,110	2,905	2,818
Michigan	1,912	1,836	1,808	1,793	1,772	1,746	1,689	1,663	1,652	1,667	1,679	1,693	1,736	1,783	1,805	1,785	1,784	1,815	1,822	1,837	1,869	1,906	1,926	1,942	1,990	1,952	1,884	1,810
Wisconsin	3,255	3,266	3,240	3,234	3,288	3,288	3,257	3,238	3,171	3,156	3,281	3,387	3,453	3,476	3,512	3,355	3,383	3,413	3,432	3,468	3,572	3,657	3,802	3,898	4,021	3,962	3,913	3,870
Minnesota	3,156	3,155	3,227	3,209	3,172	3,162	3,164	3,138	3,114	3,189	3,306	3,400	3,487	3,593	3,728	3,463	3,379	3,396	3,408	3,397	3,461	3,573	3,670	3,753	3,785	3,668	3,459	3,301
North Dakota	1,613	1,593	1,609	1,583	1,581	1,562	1,548	1,455	1,434	1,474	1,628	1,616	1,722	1,804	1,873	1,429	1,452	1,307	1,251	1,251	1,353	1,465	1,592	1,659	1,747	1,696	1,553	1,454
South Dakota	2,395	2,181	2,207	2,181	2,206	2,144	2,040	1,880	1,871	1,921	1,932	2,004	2,006	2,143	2,203	1,771	1,811	1,576	1,548	1,581	1,710	1,871	2,038	2,217	2,345	2,349	2,232	2,154
Nebraska	3,130	3,010	3,063	3,197	3,267	3,237	3,131	2,892	2,847	2,950	2,940	3,031	3,167	3,323	3,598	3,026	3,148	2,792	2,539	2,536	2,605	2,634	2,813	3,126	3,265	3,339	3,174	3,044
Kansas	3,306	3,342	3,339	3,367	3,419	3,320	3,171	2,954	2,948	3,056	3,030	3,140	3,255	3,340	3,504	3,180	2,870	2,581	2,367	2,382	2,482	2,752	3,011	3,345	3,489	3,440	3,069	2,921
Virginia	977	982	957	968	942	909	877	842	863	873	881	863	884	890	890	845	875	856	858	868	892	918	935	976	1,009	1,010	985	996
West Virginia	613	615	625	622	604	585	545	515	524	539	556	552	582	605	619	611	597	561	558	557	554	570	566	579	584	552	540	534
Kentucky	1,304	1,293	1,280	1,255	1,238	1,236	1,223	1,242	1,259	1,254	1,221	1,219	1,247	1,288	1,330	1,372	1,363	1,301	1,324	1,337	1,373	1,374	1,444	1,523	1,533	1,470	1,454	1,451
Tennessee	1,160	1,144	1,139	1,131	1,098	1,053	1,035	1,005	1,019	1,014	1,020	1,033	1,075	1,111	1,117	1,133	1,094	1,048	1,043	1,088	1,125	1,151	1,189	1,237	1,275	1,254	1,207	1,210
North Carolina	673	661	653	669	624	623	608	585	587	577	581	602	618	657	670	673	660	635	620	630	630	639	660	698	739	728	691	681
South Carolina	410	385	391	368	359	349	329	319	314	306	301	303	311	322	329	335	329	326	314	304	307	307	316	321	335	340	335	327
Georgia	955	932	909	862	821	786	753	744	711	711	715	726	746	772	821	827	776	751	741	745	753	750	778	798	830	844	827	828
Florida	471	454	408	416	403	388	377	356	344	334	328	335	349	386	404	411	412	412	405	423	440	461	485	532	578	588	611	636
Alabama	759	750	729	707	678	652	631	628	633	641	649	672	705	748	762	772	721	693	689	693	720	718	752	786	850	856	844	826
Mississippi	967	916	901	867	835	806	793	786	779	793	809	840	881	929	925	992	929	933	955	955	949	960	1,007	1,069	1,121	1,167	1,156	1,128
Arkansas	951	853	919	872	840	814	784	768	755	771	784	792	842	930	1,062	920	833	841	843	872	899	911	948	996	978	975	925	880
Louisiana	719	706	689	684	680	674	660	657	652	660	680	696	723	751	791	814	789	799	817	825	860	861	886	925	989	1,021	1,022	981
Oklahoma	2,012	1,959	1,992	1,927	1,822	1,785	1,731	1,752	1,763	1,793	1,827	1,833	1,910	2,032	2,176	2,117	1,979	1,849	1,770	1,789	1,856	1,912	2,071	2,282	2,294	2,250	2,064	1,933
Texas	7,269	7,510	7,471	7,388	7,229	7,117	6,902	6,743	6,686	6,960	7,236	7,377	7,545	8,013	8,582	7,527	7,371	7,965	7,831	7,334	7,810	7,992	8,447	8,850	8,975	9,043	8,742	8,343
Montana	2,075	1,986	2,087	2,062	2,062	2,071	2,081	1,983	2,032	2,131	2,165	2,185	2,098	2,259	2,466	2,241	2,022	1,580	1,461	1,609	1,807	1,952	2,122	2,215	2,313	2,250	2,146	1,994
Wyoming	1,442	1,377	1,354	1,309	1,276	1,290	1,302	1,362	1,388	1,425	1,437	1,537	1,585	1,622	1,689	1,479	1,451	1,384	1,410	1,455	1,452	1,477	1,540	1,569	1,543	1,467	1,409	1,365
Colorado	1,892	1,864	1,842	1,859	1,802	1,753	1,721	1,701	1,764	1,826	1,971	1,940	1,951	1,970	2,079	1,876	1,778	1,792	1,719	1,692	1,693	1,706	1,862	1,948	2,027	1,937	1,911	1,810
Idaho	1,323	1,298	1,245	1,226	1,214	1,167	1,129	1,122	1,119	1,141	1,148	1,194	1,191	1,223	1,307	1,277	1,322	1,227	1,148	1,127	1,146	1,194	1,245	1,261	1,258	1,220	1,124	1,072
Utah	1,052	1,018	1,016	1,029	1,025	999	1,003	1,030	1,053	1,080	1,064	1,080	1,069	1,030	1,038	951	946	966	945	937	887	901	929	928	927	928	901	856
Nevada	704	659	650	666	637	626	606	584	567	531	491	506	507	485	484	470	480	481	473	476	469	483	495	516	534	534	534	544
New Mexico	1,79	1,811	1,833	1,584	1,538	1,529	1,495	1,535	1,465	1,439	1,532	1,603	1,668	1,730	1,828	1,553	1,541	1,563	1,520	1,490	1,511	1,499	1,510	1,530	1,536	1,432	1,336	1,225
Arizona	1,532	1,488	1,443	1,426	1,392	1,307	1,140	1,030	958	872	877	914	940	943	971	965	954	978	957	906	880	900	940	902	898	863	847	819
Washington	986	936	919	921	923	920	891	864	866	877	890	905	929	972	993	1,021	1,009	984	971	973	975	1,020	1,052	1,096	1,098	1,049	984	951
Oregon	1,414	1,356	1,321	1,292	1,289	1,291	1,250	1,247	1,261	1,293	1,324	1,369	1,370	1,377	1,418	1,405	1,335	1,329	1,283	1,273	1,240	1,279	1,333	1,360	1,327	1,276	1,172	1,121
California	2,698	2,664	2,646	2,696	2,799	2,738	2,732	2,771	2,841	2,837	2,796	2,812	2,732	2,730	2,688	2,787	2,913	3,033	2,957	2,930	2,907	3,047	3,221	3,317	3,395	3,312	3,286	3,253
United States	76,291	74,766	74,571	73,693	72,791	71,146	69,343	67,724	67,237	68,154	69,355	70,737	72,276	74,628	77,356	72,613	71,334	39,688	68,356	68,191	70,063	72,158	75,215	78,206	79,579	78,726	75,342	73,014

1/ Preliminary.

Table 7.- All livestock: Animal units fed in year beginning October 1. by States, 1919-20 to 1946-47

State	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	1929-30	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46 1/	1946-47 1/
													Thousand Units															
Maine	446	423	407	398	397	392	382	375	361	345	349	357	362	361	356	341	332	331	324	323	323	313	311	325	349	348	323	304
New Hampshire	221	217	214	208	197	191	181	175	169	168	169	175	178	182	183	179	180	182	181	181	178	176	181	196	211	218	200	191
Vermont	508	513	508	506	496	471	465	462	463	461	462	471	475	486	469	453	460	467	468	474	475	477	469	481	500	497	487	475
Massachusetts	348	340	347	351	337	324	311	303	305	304	310	313	321	321	320	322	335	348	342	354	355	357	366	391	424	421	396	367
Rhode Island	48	47	48	48	43	43	43	41	41	41	43	43	44	44	44	42	42	44	44	46	43	43	48	50	52	52	49	48
Connecticut	262	254	255	254	250	253	244	235	232	235	239	246	258	266	261	264	271	277	276	281	284	292	302	326	331	340	313	298
New York	3,120	3,016	2.978	2,946	2.851	2,755	2.694	2.630	2,646	2.644	2.674	2,668	2.710	2,774	2,736	2.587	2.603	2,661	2.671	2.727	2.734	2.746	2.760	2.836	2,875	2,893	2,782	2.710
New Jersey	407	389	382	377	364	356	352	355	362	360	370	356	362	372	372	381	398	399	406	420	425	433	462	505	519	543	525	527
Pennsylvania	2.566	2,484	2.487	2,487	2.441	2,334	2,270	2.242	2,238	2,220	2.257	2,213	2.238	2.259	2.259	2,286	2.306	2,319	2,300	2,322	2.337	2.323	2,357	2,513	2,598	2.632	2.548	2.533
Delaware	109	106	104	105	105	105	109	114	115	117	124	120	121	126	120	117	123	135	143	151	168	226	245	265	248	298	243	226
Maryland	548	536	531	526	527	517	510	505	509	515	520	508	508	512	503	498	506	511	516	540	558	570	590	627	640	686	646	630
Ohio	3.727	3.633	3.603	3,620	3.555	3.380	3.283	3.334	3.310	3.336	3.398	3.380	3.531	3.732	3.691	3.485	3.559	3.558	3.522	3.651	3.754	3.751	3.842	4.056	4.038	3.729	3.595	3.480
Indiana	3,355	3,201	3.084	3.253	3.173	2.938	2,931	3,015	3.018	2,972	3.032	2.956	3,100	3,335	3.318	2.939	3.007	3.039	3.037	3.202	3.371	3.389	3.529	3.756	3.804	3.511	3.417	3.371
Illinois	5.196	5.007	4,822	5.201	5.111	4,869	4.728	4.690	4,547	4,495	4.507	4,584	4.787	5.033	4,950	4.430	4.565	4.527	4,185	4,669	4,941	5.034	5.282	5.675	5,622	5.319	5.197	5,152
Iowa	7.220	7.072	7.257	8,139	8.103	7.468	7.330	7.445	7.312	7.322	7.568	7.647	7.648	7.517	7.532	6.652	7.007	6.732	6.927	7.271	7.681	7.910	8.550	9.311	9.221	8,498	8,156	8,142
Missouri	4,420	4.461	4.521	4.602	4.509	4,065	4,016	4,026	4,008	4.064	4.108	4.065	4,269	4.431	4,323	3.572	3.638	3.409	3.437	3.739	4.031	4.129	4,376	4.824	4.836	4,531	4,296	4,165
Michigan	2,429	2.340	2.334	2.335	2.311	2,241	2.159	2.157	2.128	2.090	2,088	2.095	2.181	2.267	2,250	2.161	2.211	2.272	2.258	2.301	2.375	2,412	2.454	2.560	2.595	2.498	2.404	2.296
Wisconsin	3,909	3.955	3.940	4,027	4.067	4,008	3.997	4.044	3.938	3.867	4.014	4.136	4.208	4.210	4.242	3,985	4.141	4,160	4.161	4,272	4.427	4.525	4.774	4,991	5,096	4.886	4,822	4,736
Minnesota	4,088	4,133	4,308	4,537	4.558	4.428	4,452	4.494	4.383	4,449	4.684	4.831	4.883	4.855	4.834	4.283	4.372	4,443	4.515	4,767	4.918	5.060	5.343	5,729	5.635	5,236	5,047	4.800
North Dakota	1.684	1.670	1.691	1,712	1,756	1.756	1.730	1,640	1,624	1.697	1.756	1.842	1.916	1,334	1,723	1,477	1.536	1,392	1.340	1,377	1.489	1,598	1.781	1.948	2,015	1,850	1,690	1,567
South Dakota	2,720	2,501	2.609	2.810	2.831	2,744	2.631	2,510	2.527	2,588	2.676	2,769	2.637	2.815	2,573	1,916	2.019	1.784	1.740	1.881	2,048	2.190	2,444	2.782	2.861	2,715	2,639	2.548
Nebraska	4,042	3,924	4.128	4.679	4,856	4.570	4.373	4.181	4.235	4,374	4.481	4.587	4.667	4,702	4,880	3.708	3.907	3.372	3.085	3.250	3.357	3.341	3.715	4.449	4,472	4,249	4,139	3,921
Kansas	3,859	3,934	4,054	4,240	4.263	4.073	3,888	3.724	3.780	3,936	3,965	3.986	4.161	4.263	4,268	3.532	3.304	2,920	2.700	2.869	2,989	3.186	3,599	4,153	4,130	3,892	3.543	3,322
Virginia	1,428	1,345	1.308	1,323	1,293	1.225	1,204	1.185	1,238	1.216	1.221	1.172	1.205	1,220	1,201	1,182	1.197	1,194	1.199	1,235	1,263	1,277	1.332	1.439	1.537	1.412	1,408	1,406
West Virginia	720	718	724	721	698	675	632	609	617	626	640	626	657	688	696	684	679	645	643	654	651	664	668	712	722	670	659	653
Kentucky	1,650	1,783	1.748	1,753	1.717	1.661	1,670	1.732	1.734	1,691	1.629	1.600	1.602	1,746	1.785	1.770	1.780	1,730	1,754	1,809	1,876	1.842	1.982	2,175	2,169	1.966	1.943	1,917
Tennessee	1.706	1.646	1,646	1,664	1.593	1.480	1.454	1.461	1.499	1,451	1,414	1.401	1.463	1,547	1.531	1.505	1.499	1,468	1.474	1,568	1.607	1.582	1,673	1.838	1,878	1.742	1,666	1.663
North Carolina	1.170	1.151	1.139	1.118	1.113	1,082	1.058	1,072	1.075	1.022	995	1.031	1,076	1,132	1.130	1.116	1.125	1.129	1.122	1.158	1,149	1,157	1.212	1,350	1.433	1,382	1.294	1,277
South Carolina	687	657	660	642	629	587	563	558	555	529	526	529	555	572	564	574	576	579	557	574	589	566	583	629	664	650	642	631
Georgia	1,521	1,470	1.421	1.351	1.291	1.220	1.206	1.196	1,192	1.153	1.170	1.173	1.206	1.246	1,290	1,276	1.250	1.258	1.254	1,309	1.316	1.286	1.374	1.493	1,564	1,515	1.453	1,459
Florida	562	552	532	516	498	467	461	458	447	434	427	438	465	488	503	507	515	521	525	555	573	590	618	677	734	742	756	778
Alabama	1,224	1.190	1,164	1,135	1.084	1,013	999	1,038	1.060	1.052	1.042	1,052	1.103	1,175	1,184	1,165	1,134	1.120	1.117	1.162	1,191	1,139	1.204	1,295	1,404	1.346	1,314	1,282
Mississippi	1,315	1,236	1.225	1.180	1,140	1,085	1,085	1.103	1,105	1.100	1.117	1.134	1.185	1,219	1.284	1,296	1.251	1.469	1.498	1.527	1.310	1.285	1.361	1,479	1.546	1,526	1.502	1,462
Arkansas	1.273	1,227	1.223	1.176	1.129	1.094	1.075	1.062	1.055	1.047	1,057	1,039	1,124	1,234	1,246	1,182	1.114	1,146	1.158	1.230	1,259	1,268	1.308	1,413	1.374	1.318	1.249	1.191
Louisiana	842	872	844	833	826	818	813	817	810	813	836	843	879	915	957	981	957	971	992	1.023	1,054	1,036	1,063	1.119	1.193	1,203	1,182	1.129
Oklahoma	,364	2,293	2,368	2,319	2.180	2.087	2.029	2,086	2.121	2.148	2.161	2.108	2.239	2,386	2,447	2,294	2,210	2,085	2,029	2.127	2.210	2.202	2.428	2.756	2,701	2,522	2.350	2.168
Texas	7,621	7,873	7,837	7.693	7,346	7,111	6,993	6,945	6.923	7.174	7.303	7,353	7,614	8,019	8,368	7.350	7.438	7,815	7.627	7,344	7.745	7.782	8,273	8,820	8.946	8,827	8,476	8,005
Montana	1,772	1,681	1,784	1,775	1,784	1,781	1,781	1,691	1.729	1,821	1,842	[illegible]	1,782	1.902	2.058	1.855	1.683	1.329	1.228	1,359	1,530	1.648	1.799	1,915	2.004	1.920	1,825	1.691
Wyoming	1,209	1,141	1.135	[illegible]	1,074	1,077	1.087	1.129	1.146	1.174	1,184	1.264	1,298	1,325	1,372	1.197	1,182	1,131	1,150	1,190	1,197	1.208	1,261	1,298	1,270	1.208	1.162	1,124
Colorado	1,858	1,824	1.810	1.844	1,780	1,716	1,682	1.650	1,720	1.787	1.893	1,860	1,868	1.858	1,931	1.709	1,638	1,656	1,583	1,585	1,596	1.591	1,757	1,889	1.940	1.805	1,775	1.658
Idaho	1,146	1,083	1,089	1,084	1,086	1,034	1.011	1.013	1.017	1.038	1.046	1,088	1.085	1,096	1,164	1,128	1,099	1.120	1.060	1.044	1.099	1.133	1,191	1,219	1,204	1,131	1,032	993
Utah	87	[illegible]	[illegible]	863	857	[illegible]	835	865	885	913	917	929	910	877	882	806	820	844	825	829	790	804	845	860	872	876	836	784
Nevada	[illegible]	514	509	[illegible]	501	486	470	460	440	415	395	406	407	391	389	376	385	388	383	386	381	393	403	419	435	437	434	441
New Mexico	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.269	1,213	1.189	[illegible]	[illegible]	1,356	1.406	1.477	1,257	1,252	1.272	1,239	1,217	1,235	1,225	1,236	1,259	1,263	1,180	1,095	[illegible]
Arizona	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	850	787	[illegible]	687	[illegible]	737	760	762	785	773	772	792	777	738	718	734	770	746	733	702	682	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	955	[illegible]	969	[illegible]	[illegible]	1.017	1,047	1.050	1.053	1.064	1,050	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,191	[illegible]	[illegible]	1,260	1,253	1.276	1.265	1,234	1.248	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,307	1,243	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2,701	[illegible]	2,856	[illegible]	2,824	2,702	2,693	2,645	2,696	2,863	2,932	[illegible]	2,917	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3,388	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88,096	[illegible]	[illegible]	92,383	94,994	95.422	86.607	87,539	86,174	[illegible]	87.877	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	101.687	97.701	[illegible]

1/ [illegible]

Table 8.- Grain-consuming livestock: Animal units fed in year beginning October 1, by groups of States, 1919-20 to 1946-47 - Continued

State	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	1929-30	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46 1/	1946-47 1/
												Thousand Units																
Southeastern States																												
Horses and mules	3,423	3,397	3,283	3,179	3,113	3,064	3,017	2,967	2,953	2,910	2,870	2,813	2,750	2,705	2,716	2,720	2,712	2,734	2,728	2,735	2,704	2,662	2,630	2,592	2,586	2,550	2,476	2,409
Sheep	3	3	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1
Dairy cattle	1,636	1,608	1,562	1,567	1,534	1,511	1,468	1,464	1,455	1,471	1,506	1,586	1,689	1,799	1,861	1,885	1,818	1,702	1,659	1,674	1,691	1,708	1,784	1,844	1,935	1,941	1,919	1,903
Beef cattle	350	333	332	302	277	257	236	214	206	194	190	202	215	238	275	285	248	241	231	237	251	260	281	315	359	383	376	379
Hogs	3,689	3,502	3,355	3,162	2,858	2,220	2,346	2,565	2,767	2,486	2,326	2,357	2,611	2,884	2,753	2,496	2,707	3,360	3,240	3,698	1,761	3,225	3,500	4,358	5,009	4,049	3,834	4,016
Chickens	1,707	1,660	1,770	1,861	1,981	1,977	2,001	2,148	2,099	1,952	1,974	1,928	1,997	1,990	1,898	1,897	2,020	2,018	2,017	2,159	2,160	2,328	2,689	3,197	3,235	3,307	3,034	2,934
Turkeys	-	-	-	-	-	-	-	-	-	43	50	52	54	59	58	57	55	52	44	46	49	51	57	60	65	85	88	78
Total	10,808	10,503	10,305	10,073	9,765	9,031	9,070	9,360	9,483	9,059	8,919	8,941	9,319	9,678	9,563	9,342	9,562	10,109	9,921	10,551	10,618	10,236	10,943	12,368	13,191	12,316	11,728	11,720
Delta States																												
Horses and mules	2,227	2,176	2,125	2,125	2,118	2,080	2,060	2,049	2,039	2,060	2,072	2,036	1,975	1,944	1,913	1,896	1,859	1,863	1,874	1,917	1,920	1,938	1,934	1,918	1,910	1,863	1,796	1,726
Sheep	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dairy cattle	1,036	1,000	1,005	963	936	928	915	910	911	934	989	1,033	1,125	1,233	1,308	1,311	1,195	1,182	1,190	1,218	1,231	1,232	1,280	1,357	1,373	1,394	1,363	1,295
Beef cattle	278	266	259	237	219	203	185	176	169	174	171	187	210	245	276	277	241	252	263	255	265	288	306	338	366	401	397	394
Hogs	1,732	1,525	1,476	1,356	1,135	954	1,011	1,089	1,187	984	929	866	1,119	1,357	1,327	1,229	1,313	1,465	1,515	1,767	1,782	1,374	1,493	1,877	2,089	1,539	1,488	1,484
Chickens	859	833	889	935	999	995	1,071	1,138	1,106	1,090	1,139	1,043	1,091	1,091	1,032	1,015	1,095	1,160	1,174	1,279	1,233	1,355	1,484	1,727	1,605	1,583	1,470	1,382
Turkeys	-	-	-	-	-	-	-	-	-	12	16	18	22	18	17	16	18	22	19	18	20	22	23	20	18	19	17	14
Total	6,132	5,800	5,754	5,616	5,407	5,160	5,242	5,362	5,412	5,254	5,316	5,183	5,542	5,888	5,873	5,744	5,721	5,944	6,035	6,454	6,451	6,209	6,520	7,237	7,361	6,799	6,531	6,295
Southern Plains States																												
Horses and mules	3,989	3,986	3,979	3,998	3,923	3,959	3,958	3,754	3,627	3,479	3,340	3,181	3,091	2,988	2,915	2,794	2,656	2,539	2,346	2,199	2,096	1,970	1,875	1,788	1,698	1,570	1,437	1,244
Sheep	51	59	56	53	55	62	65	76	88	98	111	117	141	142	139	136	131	161	179	178	177	177	193	204	176	177	167	161
Dairy cattle	1,474	1,452	1,518	1,555	1,562	1,566	1,634	1,688	1,704	1,773	1,832	1,894	2,043	2,205	2,362	2,172	2,138	2,114	2,149	2,183	2,199	2,241	2,381	2,503	2,525	2,513	2,354	2,253
Beef cattle	1,188	1,232	1,249	1,187	1,068	994	876	839	803	847	705	719	818	869	896	848	805	814	873	752	855	940	1,037	1,140	1,062	1,125	1,057	1,048
Hogs	2,978	2,965	2,912	2,726	2,320	1,707	1,844	2,082	2,307	2,217	1,970	1,773	2,396	2,762	2,300	1,619	1,865	2,121	1,998	2,541	2,877	2,262	2,803	3,908	4,043	2,514	2,568	2,171
Chickens	1,912	1,858	1,983	2,085	2,197	2,213	2,302	2,626	2,695	2,629	2,685	2,482	2,474	2,472	2,223	2,032	2,196	2,223	2,217	2,458	2,488	2,617	3,079	3,654	3,459	3,357	3,043	2,783
Turkeys	-	-	-	-	-	-	-	-	-	345	299	324	399	357	300	266	375	379	364	416	404	336	325	310	301	369	335	317
Total	11,592	11,552	11,597	11,604	11,125	10,501	10,679	11,065	11,224	11,388	10,942	10,490	11,362	11,795	11,135	9,867	10,166	10,351	10,126	10,727	11,096	10,543	11,693	13,507	13,264	11,625	10,961	9,977
Mountain and Intermountain States																												
Horses and mules	520	550	548	546	531	518	503	480	466	453	433	413	396	390	376	350	321	291	272	263	264	262	264	269	258	246	229	213
Sheep	310	351	337	392	385	391	405	327	429	437	524	491	477	458	443	403	415	425	428	418	412	425	455	397	384	369	349	283
Dairy cattle	494	503	524	542	575	606	613	616	623	633	648	664	680	707	740	685	641	626	603	615	628	648	681	710	726	711	667	634
Beef cattle	622	581	595	575	551	511	485	461	449	457	514	514	469	486	556	490	531	518	503	483	524	559	621	634	698	716	745	687
Hogs	922	829	945	1,177	1,285	1,059	1,038	1,061	1,117	1,151	1,078	1,128	1,207	1,001	879	581	670	799	768	937	1,173	1,038	1,252	1,740	1,720	985	902	770
Chickens	726	706	753	792	794	807	833	876	918	936	994	979	895	879	865	782	792	782	766	820	848	879	1,002	1,170	1,134	1,085	981	935
Turkeys	-	-	-	-	-	-	-	-	-	157	128	130	141	137	128	114	171	143	133	199	175	181	202	199	221	263	208	160
Total	3,594	3,520	3,702	4,024	4,121	3,892	3,877	3,821	4,002	4,224	4,319	4,319	4,265	4,058	3,987	3,405	3,541	3,584	3,473	3,735	4,024	3,992	4,477	5,119	5,141	4,375	4,081	3,682
Southwestern States																												
Horses and mules	153	159	161	160	159	157	150	143	134	127	133	128	124	122	119	118	113	112	105	98	98	98	92	90	89	87	82	79
Sheep	29	29	27	25	27	27	29	35	34	31	33	36	45	45	42	37	33	36	34	34	45	47	43	43	40	29	30	23
Dairy cattle	71	71	75	75	73	76	74	75	78	82	82	86	89	95	99	97	98	97	93	96	96	96	99	104	104	96	90	84
Beef cattle	175	179	179	154	144	134	117	114	103	94	97	104	114	116	131	102	126	127	140	125	134	137	144	135	122	117	119	117
Hogs	110	104	105	101	76	68	60	63	60	62	65	67	79	83	69	50	62	77	89	94	110	95	109	155	139	104	85	70
Chickens	89	87	93	97	105	109	114	123	126	125	124	118	126	130	119	109	116	119	113	119	118	118	140	172	165	159	144	131
Turkeys	-	-	-	-	-	-	-	-	-	15	16	17	20	18	18	13	15	11	8	10	9	8	10	10	11	12	12	12
Total	627	629	640	612	584	571	544	553	535	536	550	556	597	609	597	526	563	579	582	576	610	599	637	709	670	604	562	516
Pacific Coast States																												
Horses and mules	235	230	228	220	218	212	201	190	180	170	160	151	146	142	142	141	135	128	121	114	111	110	107	102	95	90	83	77
Sheep	97	98	93	92	89	92	105	114	108	115	118	120	119	112	108	117	110	127	105	108	104	104	103	96	94	86	87	79
Dairy cattle	1,138	1,156	1,190	1,256	1,296	1,291	1,298	1,303	1,329	1,350	1,377	1,419	1,460	1,498	1,512	1,515	1,518	1,529	1,544	1,572	1,593	1,665	1,733	1,791	1,818	1,839	1,810	1,817
Beef cattle	208	198	200	191	190	174	163	163	165	163	158	165	162	170	183	187	228	263	265	244	272	293	281	312	320	303	313	317
Hogs	1,166	1,053	1,004	1,037	910	714	741	889	1,000	1,002	911	859	1,003	963	849	660	855	788	1,138	1,190	1,316	1,253	1,310	1,474	1,501	932	911	839
Chickens	1,539	1,495	1,594	1,678	1,796	1,854	2,022	2,298	2,531	2,514	2,649	2,480	2,143	2,055	2,012	1,958	2,125	2,182	2,067	2,048	2,132	2,193	2,429	2,662	2,623	2,617	2,419	2,364
Turkeys	-	-	-	-	-	-	-	-	-	183	162	185	202	192	213	237	330	318	349	443	470	490	488	584	664	827	618	442
Total	4,383	4,230	4,309	4,474	4,499	4,337	4,530	4,957	5,313	5,497	5,535	5,379	5,235	5,132	5,019	4,815	5,301	5,335	5,589	5,719	5,998	6,108	6,451	7,021	7,115	6,694	6,241	5,935
United States																												
Horses and Mules	28,262	28,060	27,783	27,443	26,807	26,127	25,509	24,658	23,908	23,192	22,582	21,876	21,204	20,682	20,215	19,696	19,043	18,536	17,839	17,370	17,012	16,594	16,141	15,784	15,239	14,552	13,630	12,478
Sheep	1,222	1,251	1,140	1,198	1,216	1,224	1,320	1,336	1,416	1,513	1,695	1,684	1,776	1,717	1,688	1,708	1,698	1,667	1,717	1,700	1,719	1,821	1,916	1,902	1,750	1,688	1,580	1,424
Dairy cattle	25,254	25,070	25,372	25,733	25,890	26,043	25,850	25,743	25,760	26,165	27,016	27,819	28,829	30,328	31,098	30,076	29,225	28,685	28,562	28,963	29,466	30,120	31,122	32,092	33,826	32,806	31,554	31,046
Beef cattle	14,727	13,822	13,488	13,329	12,884	11,764	10,968	9,882	9,274	9,665	10,226	10,291	10,232	11,126	11,163	9,311	11,123	9,710	10,789	10,751	11,734	13,012	13,653	14,902	14,591	15,516	14,805	15,036
Hogs	52,642	52,936	54,143	64,147	62,163	51,909	50,786	54,739	56,773	55,192	53,812	54,543	57,955	58,951	54,526	37,035	41,875	44,442	43,513	52,965	59,206	55,613	61,061	77,680	78,614	59,311	60,819	58,231
Chickens	28,687	27,480	29,738	31,232	33,173	33,627	34,476	36,088	35,891	35,621	37,033	34,865	34,436	35,029	33,415	31,693	33,477	32,410	32,062	34,260	34,370	36,321	40,980	47,632	46,407	46,455	42,261	40,859
Turkeys	-	-	-	-	-	-	-	-	-	1,328	1,252	1,323	1,615	1,685	1,583	1,535	2,068	1,903	1,990	2,492	2,531	2,454	2,444	2,419	2,680	3,344	3,081	2,579
Total	150,794	148,619	151,664	163,126	162,133	150,694	148,909	152,446	153,022	152,676	153,616	152,401	156,047	159,518	153,688	131,054	138,509	137,353	136,472	148,501	156,038	155,935	167,317	192,411	193,107	173,672	167,736	161,653

1/ Preliminary.

Table 8.- Grain-consuming livestock: Animal units fed in year beginning October 1, by groups of States, 1919-20 to 1946-47

State	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	1929-30	1930-31	1931-32	1932-33
												Thousand Units		
New England														
Horses and mules	442	437	425	418	408	397	374	356	341	318	302	292	282	270
Sheep	8	7	5	4	5	5	5	5	5	5	4	5	4	3
Dairy cattle	1,171	1,164	1,162	1,159	1,131	1,099	1,068	1,040	1,024	1,024	1,043	1,076	1,108	1,115
Beef cattle	17	18	20	15	13	9	9	9	9	9	9	9	9	10
Hogs	390	302	256	245	[illegible]	232	229	245	237	222	207	224	235	238
Chickens	794	773	824	867	894	913	895	890	910	903	945	957	988	1,077
Turkeys	-	-	-	-	-	-	-	-	-	15	18	19	22	24
Total	2,822	2,701	2,692	2,708	2,676	2,655	2,580	2,545	2,526	2,496	2,528	2,582	2,648	2,737
Lower Northeastern States														
Horses and mules	2,132	2,049	2,006	1,969	[illegible]	[illegible]	[illegible]	1,633	1,555	1,481	1,422	1,388	1,368	1,351
Sheep	55	52	48	45	[illegible]	47	48	47	50	51	53	50	50	49
Dairy cattle	4,114	4,044	4,032	[illegible]	[illegible]	[illegible]	[illegible]	3,667	3,710	3,736	3,830	3,899	3,984	4,285
Beef cattle	297	285	[illegible]	232	[illegible]	[illegible]	159	158	161	177	158	149	155	157
Hogs	2,074	1,831	1,668	1,588	1,480	1,085	[illegible]	1,149	1,180	1,039	955	910	901	941
Chickens	[illegible]	3,030	3,232	3,399	3,658	3,737	3,810	3,976	3,976	3,994	4,197	3,866	3,931	3,999
Turkeys	-	-	-	-	-	-	-	-	-	62	74	73	91	99
Total	11,790	11,291	11,265	[illegible]	11,239	[illegible]	10,610	10,630	10,632	10,540	10,689	10,335	10,480	10,881
Corn Belt States														
Horses and mules	[illegible]	6,723	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5,628	5,424	5,227	5,085	4,933	4,751	4,640
Sheep	[illegible]	334	[illegible]	[illegible]	[illegible]	[illegible]	327	381	319	341	368	383	419	394
Dairy cattle	[illegible]	6,123	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6,488	6,499	[illegible]	6,869	[illegible]	7,207	[illegible]
Beef cattle	[illegible]	6,201	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4,363	3,877	3,974	4,339	4,262	4,523	4,885
Hogs	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25,228	[illegible]	[illegible]	[illegible]	25,557	27,127	[illegible]
Chickens	[illegible]	8,562	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11,029	10,677	10,696	11,097	[illegible]	10,200	10,403
Turkeys	-	-	[illegible]	[illegible]	-	[illegible]	-	-	-	65	73	91	125	168
Total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53,117	52,857	52,576	52,974	52,589	54,352	56,673
Lake States														
Horses and mules	[illegible]	2,342	[illegible]	[illegible]	2,221	[illegible]	2,093	2,054	2,005	1,976	[illegible]	1,912	1,873	1,844
Sheep	137	135	[illegible]	[illegible]	120	[illegible]	130	155	145	159	169	177	190	187
Dairy cattle	4,461	4,486	[illegible]	[illegible]	[illegible]	[illegible]	4,701	4,707	4,604	4,651	4,847	5,014	5,170	5,295
Beef cattle	1,178	1,113	[illegible]	[illegible]	[illegible]	[illegible]	770	721	685	702	808	791	771	887
Hogs	5,796	6,153	6,536	[illegible]	[illegible]	[illegible]	6,835	7,440	6,926	6,349	6,618	6,957	7,100	6,503
Chickens	3,052	[illegible]	[illegible]	3,328	[illegible]	[illegible]	[illegible]	3,923	3,862	3,856	4,019	4,005	3,970	4,142
Turkeys	-	-	-	-	-	-	-	-	-	149	140	151	199	234
Total	16,988	17,195	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19,000	18,227	17,842	18,547	19,007	19,273	19,092
Northern Plains States														
Horses and mules	3,541	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3,344	3,205	[illegible]	2,962	[illegible]	2,747	2,624	2,512
Sheep	138	126	112	[illegible]	[illegible]	[illegible]	[illegible]	134	159	204	241	229	254	250
Dairy cattle	[illegible]	1,974	[illegible]	[illegible]	2,169	[illegible]	[illegible]	2,284	2,278	2,315	[illegible]	2,446	2,582	2,730
Beef cattle	[illegible]	3,213	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2,536	[illegible]	2,739	[illegible]	[illegible]	2,640	2,906
Hogs	[illegible]	7,572	[illegible]	[illegible]	[illegible]	[illegible]	10,097	10,382	11,093	[illegible]	11,407	[illegible]	11,927	10,834
Chickens	3,290	3,196	3,411	[illegible]	[illegible]	4,093	4,160	4,271	4,280	4,405	4,596	4,262	4,080	4,223
Turkeys	-	-	-	-	-	-	-	-	-	187	175	174	230	263
Total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22,812	23,405	24,282	24,607	[illegible]	24,337	23,718
[illegible]														
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2,199	[illegible]	[illegible]	1,967	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,818
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	128	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	-	[illegible]	-	[illegible]	-	[illegible]	-	-	[illegible]	[illegible]	89	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

State	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46 1/	1946-47 1/
New England														
Horses and mules	262	252	247	237	229	220	208	202	193	191	189	187	185	179
Sheep	3	3	3	2	2	2	2	2	2	2	2	2	2	1
Dairy cattle	1,115	1,097	1,087	1,096	1,094	1,101	1,112	1,108	1,080	1,080	1,131	1,128	1,102	1,084
Beef cattle	10	10	10	10	10	10	10	10	10	9	10	11	12	12
Hogs	224	210	227	261	249	246	238	216	211	271	360	301	256	230
Chickens	1,024	1,024	1,151	1,211	1,205	1,306	1,344	1,417	1,646	1,971	2,066	2,095	1,821	[illegible]
Turkeys	25	28	39	38	41	49	49	52	56	54	60	76	70	61
Total	2,663	2,624	2,764	2,855	2,830	2,931	2,963	3,007	3,198	3,578	3,818	3,800	3,448	3,287
Lower Northeastern States														
Horses and mules	1,324	1,317	1,302	1,272	1,240	1,211	1,185	1,157	1,084	1,025	969	915	853	777
Sheep	48	46	45	45	42	39	37	37	37	38	36	30	27	26
Dairy cattle	4,075	3,970	3,930	3,957	4,005	4,063	4,117	4,182	4,229	4,254	4,367	4,515	4,442	4,455
Beef cattle	161	204	224	224	240	208	199	195	193	218	215	202	228	247
Hogs	890	785	939	1,131	1,166	1,284	1,388	1,217	1,232	1,566	1,980	1,492	1,382	1,329
Chickens	3,828	3,932	4,138	4,237	4,184	4,442	4,526	4,904	5,456	6,512	6,401	6,970	6,256	6,179
Turkeys	107	120	127	122	121	146	147	153	162	164	192	253	250	224
Total	10,433	10,374	10,705	10,288	10,998	11,393	11,599	11,845	12,393	13,777	14,160	14,377	13,438	[illegible]
Corn Belt States														
Horses and mules	4,518	4,375	4,271	4,076	3,882	3,719	3,582	3,443	3,281	3,139	2,996	2,796	[illegible]	[illegible]
Sheep	405	492	466	428	462	447	459	481	487	[illegible]	460	422	394	379
Dairy cattle	7,851	7,688	7,406	7,217	[illegible]	7,212	[illegible]	7,478	7,677	[illegible]	9,005	8,006	7,586	7,455
Beef cattle	4,801	4,407	5,290	4,710	[illegible]	5,384	6,021	6,710	6,762	[illegible]	7,036	7,253	[illegible]	[illegible]
Hogs	26,741	17,627	[illegible]	21,089	[illegible]	25,702	29,031	[illegible]	29,969	[illegible]	37,276	30,155	[illegible]	[illegible]
Chickens	10,084	9,325	9,700	9,128	[illegible]	9,572	9,485	9,911	10,837	[illegible]	11,828	11,643	[illegible]	[illegible]
Turkeys	193	209	315	290	[illegible]	393	417	407	398	[illegible]	490	626	[illegible]	[illegible]
Total	54,593	44,123	47,494	46,938	[illegible]	52,429	56,306	57,027	59,411	68,960	69,091	60,901	[illegible]	[illegible]
Lake States														
Horses and mules	1,812	1,795	1,754	1,730	1,688	1,637	1,611	1,564	1,510	1,465	1,387	1,284	[illegible]	1,020
Sheep	183	191	190	205	197	183	184	202	196	190	183	164	149	125
Dairy cattle	5,431	5,169	5,111	5,145	5,195	5,281	5,419	5,572	5,776	5,952	6,131	6,115	5,996	5,943
Beef cattle	839	714	847	870	1,008	977	1,086	1,146	1,146	1,162	1,103	1,130	1,098	1,091
Hogs	6,072	4,447	5,305	5,812	5,847	6,854	7,735	7,753	8,633	9,955	9,700	7,202	7,459	6,943
Chickens	3,917	3,833	4,118	3,833	3,802	4,018	4,080	4,313	4,869	5,755	5,684	5,747	5,233	5,051
Turkeys	191	196	248	213	234	305	310	324	329	314	349	447	441	384
Total	18,445	16,345	17,573	17,808	17,971	19,255	20,425	20,874	22,459	24,793	24,537	22,089	21,541	[illegible]
Northern Plains States														
Horses and mules	2,389	2,227	2,031	1,858	1,668	1,559	[illegible]	1,488	[illegible]	[illegible]	[illegible]	1,349	[illegible]	1,061
Sheep	241	206	228	167	197	218	227	[illegible]	330	382	312	353	321	[illegible]
Dairy cattle	2,898	[illegible]	2,441	[illegible]	2,136	2,146	2,224	2,305	2,437	[illegible]	2,579	2,445	2,194	2,089
Beef cattle	2,869	1,619	2,401	[illegible]	1,732	1,915	1,945	2,289	2,677	3,252	3,061	3,642	3,476	3,317
Hogs	9,816	5,228	5,445	4,896	4,173	5,467	6,368	5,709	7,277	[illegible]	10,255	6,888	7,324	6,701
Chickens	3,901	3,256	3,429	3,002	2,980	3,439	3,422	3,620	4,342	5,130	4,830	4,626	4,310	4,017
Turkeys	205	171	257	209	268	363	375	326	280	201	193	224	238	214
Total	22,319	15,282	16,232	13,910	13,154	15,107	16,082	16,012	18,815	23,475	22,652	19,527	19,087	[illegible]
[illegible]														
[illegible]	1,729	1,711	1,692	1,696	1,686	1,698	1,712	1,700	[illegible]	[illegible]	[illegible]	1,615	1,573	1,513
[illegible]	74	75	75	69	[illegible]	71	70	69	[illegible]	[illegible]	61	55	53	[illegible]
[illegible]	1,846	1,912	[illegible]	1,769	[illegible]	1,802	[illegible]	1,885	1,965	[illegible]	[illegible]	2,103	[illegible]	[illegible]
[illegible]	166	[illegible]	172	154	[illegible]	161	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	233	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	2,643	[illegible]	3,185	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	2,530	[illegible]	[illegible]	[illegible]	2,600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3,266	[illegible]	[illegible]
[illegible]	[illegible]	108	118	[illegible]	[illegible]	104	106	104	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	8,607	8,887	[illegible]	[illegible]	9,621	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 9.- Roughage-consuming livestock: Animal units fed in year beginning October 1, by groups of States, 1919-20 to 1946-47

State	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	1929-30	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46 1/	1946-47 1/
													Thousands Units															
New England																												
Horses and mules	248	244	237	231	228	222	209	198	189	175	168	162	155	150	146	140	136	131	127	121	114	111	107	106	105	104	103	100
Sheep	50	40	34	34	33	34	36	35	35	34	33	33	32	28	26	24	20	20	19	19	18	17	17	18	17	15	14	11
Dairy cattle	1,113	1,100	1,094	1,089	1,062	1,027	1,002	979	967	970	990	1,021	1,050	1,060	1,056	1,034	1,022	1,034	1,031	1,040	1,048	1,044	1,015	1,017	1,067	1,066	1,040	1,023
Beef cattle	55	63	69	61	49	34	31	31	31	32	33	34	35	36	36	38	36	36	36	35	36	36	36	36	41	40	39	36
Hogs	4	3	3	3	3	2	2	3	3	2	2	2	2	2	2	1	2	2	2	2	2	2	1	2	2	2	1	1
Poultry	8	8	8	8	9	10	10	8	9	9	9	9	9	10	11	9	11	12	12	14	15	15	17	19	23	21	22	19
Total	1,478	1,458	1,445	1,426	1,384	1,329	1,290	1,254	1,234	1,222	1,235	1,261	1,283	1,286	1,277	1,246	1,227	1,235	1,227	1,231	1,233	1,225	1,193	1,198	1,255	1,248	1,219	1,190
Lower Northeastern States																												
Horses and mules	1,073	1,028	1,001	974	934	891	851	807	767	732	703	684	673	665	653	651	644	634	619	605	593	579	544	516	485	457	427	388
Sheep	238	220	207	196	190	193	196	196	205	209	215	212	203	201	199	190	185	184	172	159	149	148	151	153	145	122	108	98
Dairy cattle	3,395	3,321	3,309	3,321	3,248	3,172	3,081	3,010	3,060	3,100	3,184	3,227	3,236	3,368	3,379	3,279	3,251	3,284	3,327	3,389	3,433	3,488	3,521	3,543	3,637	3,756	3,688	3,700
Beef cattle	268	274	268	222	192	159	154	152	155	169	166	153	158	165	162	169	180	176	177	169	164	169	169	198	209	214	213	213
Hogs	22	20	19	17	16	13	12	13	14	13	12	11	11	12	12	11	11	13	13	13	15	14	13	16	20	15	13	12
Poultry	44	43	46	47	52	51	52	54	55	53	58	53	55	54	55	52	53	58	54	57	60	58	63	74	80	76	80	73
Total	5,040	4,906	4,850	4,777	4,632	4,479	4,346	4,232	4,256	4,276	4,338	4,340	4,396	4,465	4,460	4,352	4,324	4,349	4,362	4,392	4,414	4,456	4,461	4,500	4,576	4,640	4,529	4,484
Corn Belt States																												
Horses and mules	4,453	4,355	4,279	4,150	4,009	3,793	3,671	3,552	3,418	3,293	3,195	3,096	2,982	2,908	2,846	2,783	2,713	2,629	2,533	2,425	2,334	2,242	2,120	2,041	1,907	1,693	1,601	1,376
Sheep and goats	1,040	977	860	857	871	885	918	976	976	1,043	1,117	1,170	1,215	1,214	1,249	1,339	1,330	1,242	1,243	1,247	1,295	1,326	1,365	1,346	1,198	1,060	935	905
Dairy cattle	5,179	5,112	5,137	5,203	5,314	5,418	5,409	5,400	5,414	5,523	5,750	5,914	6,121	6,326	6,565	6,413	6,190	6,023	5,952	6,036	6,077	6,273	6,441	6,616	6,731	6,737	6,380	6,354
Beef cattle	3,807	3,587	3,706	3,464	3,300	2,928	2,732	2,517	2,274	2,302	2,244	2,408	2,593	2,767	2,879	2,790	2,911	2,708	2,724	2,751	3,093	3,399	3,608	3,845	3,762	4,131	3,872	3,951
Hogs	236	238	239	296	289	232	223	242	265	251	236	233	252	272	265	170	191	190	201	221	277	249	280	330	373	271	291	274
Poultry	138	133	143	150	157	155	156	160	160	153	161	156	150	153	153	137	142	145	135	148	153	148	162	176	189	174	178	162
Total	14,853	14,402	14,364	14,120	13,940	13,411	13,109	12,847	12,507	12,565	12,703	12,977	13,313	13,640	13,957	13,632	13,477	12,937	12,788	12,828	13,229	13,637	13,976	14,354	14,160	14,066	13,257	13,022
Lake States																												
Horses and mules	1,675	1,645	1,621	1,589	1,539	1,484	1,452	1,425	1,394	1,373	1,355	1,330	1,300	1,281	1,264	1,263	1,242	1,231	1,206	1,170	1,146	1,110	1,068	1,026	964	889	806	706
Sheep	385	345	311	307	306	328	357	399	421	449	477	494	507	502	506	510	500	524	507	486	492	514	533	510	475	409	357	307
Dairy cattle	5,314	5,348	5,488	5,540	5,620	5,706	5,614	5,562	5,500	5,562	5,795	5,993	6,182	6,339	6,508	6,185	6,107	6,144	6,203	6,306	6,467	6,652	6,897	7,102	7,310	7,279	7,121	7,054
Beef cattle	852	820	750	681	647	564	574	535	504	515	525	546	564	608	650	552	594	618	641	625	664	731	754	788	861	856	815	773
Hogs	51	54	57	68	68	60	59	63	63	57	55	57	62	58	54	35	41	43	46	51	66	61	71	84	93	63	69	58
Poultry	46	45	48	51	52	54	54	55	55	56	59	60	61	64	63	58	62	64	59	64	67	68	75	83	93	86	88	83
Total	8,323	8,257	8,275	8,236	8,232	8,196	8,110	8,039	7,937	8,012	8,266	8,480	8,676	8,852	9,045	8,603	8,546	8,624	8,662	8,702	8,902	9,136	9,398	9,593	9,796	9,582	9,256	8,981
Northern Plains States																												
Horses and mules	3,146	3,113	3,095	3,073	2,998	2,936	2,837	2,723	2,604	2,510	2,412	2,321	2,210	2,113	2,013	1,896	1,744	1,603	1,448	1,354	1,324	1,298	1,279	1,271	1,214	1,147	1,029	881
Sheep	364	319	288	283	286	307	333	364	420	495	558	594	652	641	662	592	622	547	573	628	717	844	951	962	852	742	616	519
Dairy cattle	2,448	2,467	2,568	2,650	2,741	2,825	2,852	2,849	2,845	2,899	3,093	3,060	3,230	3,418	3,622	3,200	3,040	2,799	2,666	2,685	2,787	2,897	3,068	3,219	3,247	3,079	2,762	2,625
Beef cattle	4,358	4,099	4,121	4,143	4,266	4,021	3,710	3,086	3,054	3,311	3,281	3,634	3,880	4,265	4,723	3,628	3,774	3,220	2,937	2,983	3,204	3,576	4,027	4,730	5,348	5,724	5,478	5,425
Hogs	76	79	92	123	124	113	97	96	115	118	113	111	112	104	91	40	46	34	33	42	56	46	61	89	105	61	73	59
Poultry	52	49	54	56	58	61	61	63	62	68	73	71	66	69	67	50	55	53	48	58	62	61	68	76	80	71	70	64
Total	10,444	10,126	10,218	10,328	10,473	10,263	9,890	9,181	9,100	9,401	9,530	9,791	10,150	10,610	11,178	9,406	9,281	8,256	7,705	7,750	8,150	8,722	9,454	10,347	10,846	10,824	10,028	9,573
Appalachian States																												
Horses and mules	1,346	1,335	1,322	1,299	1,265	1,231	1,204	1,165	1,116	1,070	1,033	989	957	930	910	903	895	903	901	909	918	913	911	898	874	858	835	800
Sheep	385	383	371	368	364	363	372	397	442	461	475	483	490	495	496	507	499	461	465	470	467	460	459	449	407	365	357	349
Dairy cattle	1,476	1,459	1,478	1,533	1,510	1,530	1,502	1,477	1,520	1,560	1,572	1,617	1,711	1,788	1,834	1,837	1,812	1,739	1,740	1,770	1,812	1,850	1,928	2,017	2,091	2,062	1,991	1,993
Beef cattle	769	777	750	691	660	585	530	489	505	516	521	510	553	599	636	640	648	586	605	622	663	710	750	851	921	909	912	963
Hogs	35	40	37	39	34	27	25	28	31	28	27	24	30	33	32	27	28	29	29	33	38	34	36	44	49	39	36	37
Poultry	43	40	43	46	49	47	47	48	51	45	50	44	47	49	48	47	47	48	43	46	46	46	50	56	59	53	55	49
Total	4,054	4,034	4,001	3,976	3,882	3,783	3,680	3,604	3,665	3,680	3,678	3,667	3,788	3,894	3,956	3,961	3,929	3,766	3,783	3,850	3,944	4,013	4,134	4,315	4,401	4,286	4,186	4,191

- Continued -

Table 9.- Roughage-consuming livestock: Animal units fed in year beginning October 1, by groups of States, 1919-20 to 1946-47 - Continued

State	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	1929-30	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46 1/	1946-47 1/
												Thousands Units																
Southeastern States																												
Horses and mules	943	931	900	870	850	841	826	813	806	792	783	766	748	736	741	741	740	747	748	748	743	733	726	717	717	705	685	667
Sheep	66	68	64	59	52	50	50	50	51	53	48	48	46	45	43	43	39	35	34	32	30	28	28	27	26	24	21	20
Dairy cattle	1,276	1,250	1,236	1,244	1,186	1,165	1,128	1,125	1,124	1,134	1,164	1,229	1,299	1,395	1,438	1,455	1,399	1,311	1,280	1,292	1,306	1,318	1,379	1,428	1,502	1,501	1,479	1,466
Beef cattle	886	843	797	758	712	665	619	564	521	511	503	518	554	625	682	703	641	637	624	631	674	709	763	853	962	1,017	1,022	1,045
Hogs	65	60	60	56	49	41	39	42	46	42	39	41	45	47	46	40	42	48	46	53	56	49	51	59	68	56	48	53
Poultry	32	30	33	35	36	36	36	38	41	37	37	36	37	37	36	36	37	39	37	39	41	38	44	51	57	53	53	47
Total	3,268	3,182	3,090	3,022	2,885	2,798	2,698	2,632	2,589	2,569	2,574	2,638	2,729	2,885	2,986	3,018	2,898	2,817	2,769	2,795	2,850	2,875	2,991	3,135	3,332	3,356	3,308	3,298
Delta States																												
Horses and mules	860	839	817	813	807	790	781	775	769	775	779	762	737	727	815	708	693	695	700	720	721	705	716	711	705	685	658	631
Sheep	99	94	90	87	84	82	81	79	78	79	80	82	85	86	85	82	80	84	87	89	89	89	94	87	84	81	78	68
Dairy cattle	987	888	962	928	905	897	885	883	884	905	966	1,008	1,094	1,194	1,216	1,269	1,154	1,145	1,155	1,182	1,196	1,198	1,242	1,316	1,334	1,356	1,326	1,262
Beef cattle	633	604	588	546	512	482	446	427	404	417	400	432	479	547	609	619	575	596	619	601	639	686	730	809	891	981	985	975
Hogs	37	31	31	27	24	21	21	22	24	23	22	20	26	30	29	26	25	28	29	33	36	29	30	35	38	31	28	28
Poultry	21	19	21	22	23	22	23	25	27	25	26	24	25	26	24	22	23	25	25	27	27	25	29	32	36	29	28	25
Total	2,637	2,475	2,509	2,423	2,355	2,294	2,237	2,211	2,186	2,224	2,273	2,328	2,446	2,610	2,778	2,726	2,551	2,573	2,615	2,652	2,708	2,732	2,841	2,990	3,088	3,163	3,103	2,989
Southern Plains States																												
Horses and mules	2,333	2,321	2,309	2,311	2,259	2,270	2,261	2,144	2,069	1,982	1,900	1,804	1,747	1,687	1,650	1,592	1,523	1,457	1,353	1,271	1,212	1,147	1,090	1,040	984	911	830	719
Sheep and goats	1,060	1,185	1,097	1,068	1,140	1,219	1,349	1,466	1,635	1,798	2,001	2,122	2,120	2,201	2,293	2,033	2,095	2,413	2,535	2,590	2,679	2,776	2,883	2,925	2,795	2,745	2,586	2,424
Dairy cattle	1,417	1,389	1,455	1,501	1,505	1,513	1,570	1,623	1,635	1,702	1,759	1,819	1,961	2,123	2,271	2,086	2,052	2,028	2,059	2,094	2,113	2,156	2,295	2,419	2,438	2,425	2,266	2,175
Beef cattle	4,396	4,500	4,526	4,361	4,076	3,832	3,390	3,150	3,029	3,181	3,314	3,382	3,535	3,934	4,457	3,864	3,603	3,835	3,578	3,081	3,565	3,739	4,153	4,632	4,934	5,115	5,024	4,875
Hogs	39	39	38	35	30	26	22	25	29	30	28	24	31	38	33	22	23	24	22	27	35	29	31	42	45	30	30	24
Poultry	36	35	38	39	41	42	41	47	52	60	61	59	61	62	54	47	54	57	54	60	62	57	66	74	73	67	70	59
Total	9,281	9,469	9,463	9,315	9,051	8,902	8,633	8,495	8,449	8,753	9,063	9,210	9,455	10,045	10,758	9,644	9,350	9,814	9,601	9,123	9,666	9,904	10,518	11,132	11,269	11,293	10,806	10,276
Mountain and Inter-mountain States																												
Horses and mules	1,677	1,689	1,668	1,639	1,580	1,526	1,478	1,422	1,380	1,337	1,276	1,224	1,169	1,143	1,107	1,048	981	911	865	841	846	834	837	847	806	766	718	668
Sheep and goats	2,565	2,390	2,348	2,346	2,303	2,395	2,502	2,652	2,884	3,076	3,171	3,283	3,194	3,115	3,180	2,979	2,881	2,760	2,695	2,775	2,778	2,828	2,947	2,780	2,551	2,273	2,065	1,862
Dairy cattle	880	897	929	970	1,028	1,087	1,101	1,112	1,124	1,147	1,168	1,200	1,233	1,275	1,332	1,237	1,164	1,133	1,093	1,115	1,139	1,182	1,242	1,297	1,326	1,301	1,228	1,164
Beef cattle	3,344	3,205	3,225	3,170	3,076	2,871	2,736	2,571	2,507	2,539	2,629	2,702	2,771	3,024	3,414	3,005	2,944	2,598	2,477	2,534	2,659	2,838	3,133	3,469	3,872	3,960	3,981	3,919
Hogs	11	10	12	13	15	13	11	11	14	15	12	13	14	12	10	8	8	9	9	10	12	11	12	19	22	12	10	9
Poultry	11	11	12	13	14	14	14	14	14	20	20	20	20	20	20	17	21	19	17	21	20	20	22	25	25	24	23	19
Total	8,488	8,202	8,194	8,151	8,016	7,906	7,842	7,782	7,923	8,134	8,276	8,442	8,401	8,589	9,063	8,294	7,999	7,430	7,156	7,296	7,454	7,713	8,193	8,437	8,602	8,336	8,025	7,641
Southwestern States																												
Horses and mules	323	326	327	323	322	316	303	285	266	248	248	237	229	222	218	217	212	209	202	194	192	190	184	179	176	173	164	161
Sheep and goats	774	758	718	678	695	709	728	745	769	774	804	872	903	841	817	747	698	685	674	678	679	670	657	638	600	530	466	427
Dairy cattle	135	132	143	141	138	141	139	144	147	154	157	166	172	182	190	187	187	183	176	184	186	185	192	200	200	185	175	165
Beef cattle	2,091	2,080	2,085	1,865	1,772	1,667	1,462	1,388	1,238	1,132	1,197	1,239	1,301	1,424	1,571	1,364	1,395	1,461	1,422	1,337	1,331	1,351	1,413	1,410	1,453	1,403	1,374	1,288
Hogs	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
Poultry	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	3	3	3	2
Total	3,327	3,299	3,276	3,010	2,930	2,836	2,635	2,565	2,423	2,311	2,409	2,517	2,608	2,673	2,799	2,518	2,495	2,541	2,477	2,396	2,391	2,399	2,450	2,432	2,434	2,295	2,183	2,044
Pacific Coast States																												
Horses and mules	989	945	924	886	870	840	797	751	712	670	629	596	571	558	555	559	544	521	493	471	452	441	427	411	381	358	332	313
Sheep and goats	1,117	1,050	940	940	1,007	1,080	1,114	1,159	1,225	1,287	1,330	1,362	1,287	1,239	1,183	1,223	1,201	1,207	1,136	1,123	1,060	1,071	1,066	1,001	903	813	702	655
Dairy cattle	1,533	1,556	1,605	1,705	1,761	1,751	1,761	1,775	1,812	1,846	1,881	1,929	1,982	2,033	2,050	2,051	2,067	2,085	2,104	2,143	2,175	2,281	2,385	2,463	2,514	2,534	2,499	2,511
Beef cattle	1,419	1,370	1,381	1,339	1,334	1,242	1,162	1,153	1,168	1,151	1,116	1,145	1,140	1,201	1,262	1,335	1,393	1,478	1,424	1,383	1,374	1,494	1,666	1,828	1,947	1,861	1,843	1,790
Hogs	15	12	12	13	11	9	9	10	12	10	10	10	11	11	11	9	10	12	13	14	15	15	15	17	19	12	12	11
Poultry	25	23	24	26	28	27	30	34	39	43	44	44	40	37	38	36	42	43	41	42	46	44	47	53	56	59	54	45
Total	5,098	4,956	4,886	4,909	5,011	4,949	4,873	4,882	4,968	5,007	5,010	5,086	5,031	5,079	5,099	5,213	5,257	5,346	5,211	5,176	5,122	5,346	5,606	5,773	5,820	5,637	5,442	5,325
United States																												
Horses and mules	19,066	18,771	18,500	18,158	17,661	17,140	16,670	16,060	15,490	14,957	14,481	13,971	13,478	13,120	12,918	12,501	12,067	11,671	11,195	10,829	10,595	10,303	10,009	9,763	9,318	8,746	8,188	7,410
Sheep and goats	8,143	7,829	7,328	7,223	7,331	7,645	8,036	8,518	9,141	9,758	10,309	10,755	10,734	10,608	10,739	10,269	10,150	10,162	10,140	10,296	10,453	10,771	11,151	10,896	10,053	9,179	8,305	7,645
Dairy cattle	25,153	24,919	25,404	25,825	26,018	26,232	26,044	25,939	26,032	26,502	27,479	28,183	29,331	30,501	31,461	30,233	29,445	28,908	28,786	29,236	29,739	30,524	31,605	32,637	33,397	33,281	31,955	31,492
Beef cattle	22,877	22,222	22,266	21,301	20,596	19,050	17,546	16,103	15,390	15,776	15,929	16,703	17,563	19,195	21,081	18,707	18,695	17,949	17,264	16,752	18,066	19,438	21,202	23,449	25,201	26,211	25,558	25,253
Hogs	593	587	601	691	664	558	521	556	617	590	557	547	597	620	586	390	428	433	444	500	609	540	603	739	836	593	612	567
Poultry	458	438	472	495	521	521	526	548	567	571	600	578	573	584	571	513	549	565	527	578	601	582	645	722	774	716	724	647
Total	76,291	74,766	74,571	73,693	72,791	71,146	69,343	67,724	67,237	68,154	69,355	70,737	72,276	74,628	77,356	72,613	71,334	69,688	68,356	68,191	70,063	72,158	75,215	78,206	79,579	78,726	75,342	73,014

1/ Preliminary

Table 10.- All livestock: Animal units fed in year beginning October 1, by groups of States, 1919-20 to 1946-47

State	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	1929-30	1930-31	1931-32	1932-33
	Thousand Units													
New England														
Horses and mules	317	311	303	296	290	283	267	253	242	225	214	207	200	192
Sheep	36	32	25	24	25	25	26	27	27	25	25	26	25	20
Dairy cattle	1,142	1,130	1,125	1,120	1,090	1,056	1,030	1,005	992	996	1,016	1,047	1,078	1,087
Beef cattle	44	51	54	46	37	25	24	24	24	25	26	27	27	28
Hogs	94	74	62	60	55	57	54	60	58	53	49	53	56	56
Poultry	200	196	210	219	223	228	225	222	228	230	242	245	252	277
Total	1,833	1,794	1,779	1,765	1,720	1,674	1,626	1,591	1,571	1,554	1,572	1,605	1,638	1,660
Lower Northeastern States														
Horses and mules	1,360	1,304	1,270	1,239	1,187	1,135	1,084	1,028	978	933	895	871	858	848
Sheep	177	165	154	147	145	145	148	149	157	158	163	160	155	153
Dairy cattle	3,681	3,604	3,590	3,604	3,526	3,446	3,346	3,266	3,316	3,354	3,445	3,495	3,569	3,646
Beef cattle	248	253	246	205	178	148	143	140	144	157	152	142	145	151
Hogs	473	418	382	362	338	262	264	276	283	249	231	220	216	228
Poultry	811	787	840	884	914	931	950	987	992	1,005	1,059	977	996	1,017
Total	6,750	6,531	6,482	6,441	6,288	6,067	5,935	5,846	5,870	5,856	5,945	5,865	5,939	6,043
Corn Belt States														
Horses and mules	4,966	4,857	4,780	4,641	4,485	4,247	4,108	3,976	3,825	3,684	3,578	3,468	3,340	3,258
Sheep and goats	807	751	668	668	681	686	720	773	759	809	865	907	949	956
Dairy cattle	5,605	5,536	5,553	5,635	5,758	5,872	5,864	5,854	5,869	5,979	6,319	6,391	6,614	6,834
Beef cattle	4,277	4,002	3,840	3,866	3,657	3,249	3,039	2,796	2,506	2,568	2,723	2,824	3,028	3,163
Hogs	5,896	5,929	5,993	7,425	7,234	6,019	5,857	6,334	6,546	6,442	6,316	6,420	6,809	7,183
Poultry	2,367	2,299	2,453	2,580	2,636	2,648	2,700	2,777	2,690	2,707	2,812	2,622	2,595	2,654
Total	23,918	23,374	23,287	24,815	24,451	22,721	22,288	22,510	22,195	22,189	22,613	22,632	23,335	24,048
Lake States														
Horses and mules	1,879	1,847	1,822	1,789	1,731	1,669	1,634	1,603	1,567	1,545	1,523	1,496	1,463	1,441
Sheep	290	272	245	241	243	256	279	314	328	352	373	385	399	395
Dairy cattle	5,178	5,207	5,338	5,387	5,467	5,550	5,458	5,395	5,347	5,408	5,636	5,829	6,013	6,160
Beef cattle	833	787	716	649	609	538	546	511	485	500	543	552	557	614
Hogs	1,474	1,565	1,662	1,993	2,032	1,789	1,801	1,960	1,824	1,673	1,745	1,835	1,872	1,713
Poultry	772	750	799	840	854	875	890	912	898	928	966	965	968	1,009
Total	10,426	10,428	10,582	10,899	10,936	10,677	10,608	10,695	10,449	10,406	10,786	11,062	11,272	11,332
Northern Plains States														
Horses and mules	3,146	3,113	3,095	3,073	2,998	2,936	2,837	2,723	2,604	2,510	2,412	2,321	2,210	2,113
Sheep	298	263	237	241	240	257	278	295	346	409	465	487	536	527
Dairy cattle	2,309	2,326	2,424	2,501	2,583	2,662	2,689	2,688	2,683	2,732	2,829	2,887	3,043	3,221
Beef cattle	3,811	3,534	3,559	3,604	3,756	3,534	3,276	2,708	2,705	2,937	3,141	3,438	3,525	4,020
Hogs	1,945	2,018	2,341	3,153	3,203	2,805	2,580	2,652	2,837	2,935	2,918	3,013	3,058	2,782
Poultry	796	775	826	869	926	949	962	989	991	1,072	1,113	1,038	1,009	1,051
Total	12,305	12,029	12,482	13,441	13,706	13,143	12,622	12,055	12,166	12,595	12,878	13,184	13,381	13,714
Appalachian States														
Horses and mules	1,652	1,638	1,623	1,600	1,559	1,513	1,483	1,435	1,375	1,317	1,271	1,216	1,177	1,146
Sheep	277	277	269	267	263	264	271	289	321	334	345	351	356	359
Dairy Cattle	1,516	1,445	1,458	1,513	1,488	1,508	1,481	1,457	1,520	1,539	1,551	1,596	1,633	1,762
Beef cattle	746	754	725	666	635	557	511	472	489	499	505	491	532	576
Hogs	722	803	737	770	682	525	535	630	702	630	545	508	556	680
Poultry	591	575	614	645	674	664	679	704	681	665	687	637	673	678
Total	5,504	5,492	5,426	5,461	5,301	5,041	4,960	4,987	5,088	4,984	4,904	4,799	4,927	5,201

State	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46 1/	1946-47 1/
	Thousand Units													
New England														
Horses and mules	186	179	174	167	162	154	146	141	136	135	133	131	130	126
Sheep	20	17	16	15	14	14	12	12	12	13	13	10	10	8
Dairy cattle	1,084	1,061	1,050	1,063	1,061	1,069	1,076	1,073	1,045	1,045	1,097	1,094	1,068	1,051
Beef cattle	28	30	28	28	28	27	28	28	28	28	33	34	31	29
Hogs	54	51	55	63	61	59	57	52	52	66	88	71	60	55
Poultry	261	263	297	313	309	336	339	352	404	482	503	536	469	414
Total	1,633	1,601	1,620	1,649	1,635	1,659	1,658	1,658	1,677	1,769	1,867	1,876	1,768	1,683
Lower Northeastern States														
Horses and mules	833	829	820	805	785	769	753	735	691	655	616	581	541	494
Sheep	150	144	140	140	131	120	113	113	114	116	110	93	82	75
Dairy cattle	3,658	3,549	3,520	3,554	3,601	3,665	3,712	3,771	3,809	3,833	3,932	4,062	3,992	4,001
Beef cattle	150	165	176	174	178	167	161	162	163	190	195	196	200	206
Hogs	215	190	227	273	281	310	336	294	298	373	477	360	330	319
Poultry	984	992	1,053	1,079	1,060	1,129	1,147	1,223	1,339	1,572	1,550	1,760	1,599	1,531
Total	5,990	5,869	5,936	6,025	6,036	6,160	6,222	6,298	6,414	6,744	6,880	7,052	6,744	6,626
Corn Belt States														
Horses and mules	3,187	3,110	3,027	2,943	2,823	2,702	2,602	2,499	2,368	2,282	2,132	1,989	1,790	1,542
Sheep and goats	967	1,055	1,042	971	995	982	1,016	1,042	1,071	1,047	961	859	753	727
Dairy cattle	7,096	6,938	6,692	6,517	6,437	6,526	6,632	6,776	6,958	7,147	7,266	7,272	6,888	6,871
Beef cattle	3,308	3,148	3,447	3,154	3,323	3,351	3,759	4,151	4,306	4,581	4,760	4,816	4,497	4,651
Hogs	6,720	4,431	5,048	5,300	5,178	6,464	7,294	7,186	8,098	9,438	9,366	7,579	7,926	7,873
Poultry	2,536	2,396	2,520	2,380	2,352	2,507	2,475	2,559	2,778	3,127	3,036	3,073	2,807	2,646
Total	23,814	21,078	21,776	21,265	21,108	22,532	23,778	24,213	25,579	27,622	27,521	25,588	24,661	24,310
Lake States														
Horses and mules	1,421	1,418	1,393	1,379	1,351	1,310	1,284	1,245	1,198	1,152	1,086	1,002	906	794
Sheep	396	400	394	414	400	382	385	407	418	400	374	323	284	244
Dairy cattle	6,329	5,977	5,936	5,977	6,034	6,137	6,295	6,476	6,716	6,916	7,122	7,095	6,947	6,886
Beef cattle	625	529	590	614	668	697	698	755	771	797	826	833	800	774
Hogs	1,598	1,169	1,395	1,528	1,538	1,803	2,035	2,041	2,272	2,620	2,552	1,895	1,963	1,855
Poultry	957	936	1,016	963	943	1,011	1,023	1,073	1,196	1,395	1,366	1,472	1,373	1,279
Total	11,326	10,429	10,724	10,875	10,934	11,340	11,720	11,997	12,571	13,280	13,326	12,620	12,273	11,832
Northern Plains States														
Horses and mules	2,013	1,896	1,744	1,603	1,448	1,354	1,324	1,298	1,282	1,270	1,182	1,154	1,029	884
Sheep	536	478	508	438	463	508	576	679	771	791	694	627	527	451
Dairy cattle	3,203	3,022	2,867	2,642	2,516	2,530	2,624	2,726	2,890	3,025	3,051	2,894	2,598	2,471
Beef cattle	4,209	3,094	3,381	2,769	2,600	2,680	2,818	3,213	3,643	4,302	4,725	5,125	4,910	4,833
Hogs	2,518	1,340	1,396	1,254	1,071	1,404	1,636	1,465	1,870	2,693	2,635	1,764	1,873	1,736
Poultry	965	803	870	762	767	901	905	934	1,083	1,251	1,191	1,142	1,074	983
Total	13,444	10,633	10,766	9,468	8,865	9,377	9,883	10,315	11,539	13,332	13,478	12,706	12,011	11,358
Appalachian States														
Horses and mules	1,119	1,111	1,103	1,112	1,111	1,120	1,131	1,124	1,121	1,106	1,074	1,011	1,028	984
Sheep	360	368	362	334	338	340	338	333	333	325	296	264	257	252
Dairy Cattle	1,808	1,853	1,786	1,715	1,716	1,747	1,788	1,827	1,904	1,993	2,066	2,037	1,967	1,970
Beef cattle	614	618	624	564	582	601	637	680	716	809	888	852	860	907
Hogs	644	525	592	653	671	777	847	711	808	1,069	1,123	778	764	782
Poultry	668	666	688	659	652	681	656	690	773	862	859	848	800	744
Total	5,213	5,141	5,155	5,037	5,070	5,266	5,397	5,365	5,655	6,164	6,306	5,790	5,676	5,639

- Continued -

Table 10.- All livestock: Animal units fed in year beginning October 1, by groups of States, 1919-20 to 1946-47 - Continued

State	1919-20	1920-21	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28	1928-29	1929-30	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46 1/	1946-47 1/
												Thousand Units																
Southeastern States																												
Horses and mules	1.538	1,521	1.468	1.420	1,388	1.372	1,348	1,325	1,314	1.291	1.275	1.250	1,222	1,203	1,207	1,209	1,210	1,219	1.219	1,222	1,212	1,195	1,185	1,167	1.165	1.149	1.114	1.084
Sheep	41	40	36	36	30	30	30	31	30	32	29	28	27	27	27	26	23	20	20	20	18	17	17	16	15	14	13	12
Dairy cattle	1,424	1,396	1,378	1,354	1.324	1,303	1,262	1,258	1,259	1,267	1,300	1.372	1,460	1.556	1,605	1.625	1,562	1.464	1.430	1,441	1.457	1,470	1.536	1.592	1.673	1.674	1,651	1,634
Beef cattle	825	784	766	710	663	617	573	523	499	472	458	483	517	583	640	656	599	591	572	586	622	654	703	784	885	936	936	958
Hogs	916	870	833	784	711	548	569	644	697	625	586	592	658	724	693	627	682	789	815	931	948	812	882	1.097	1.261	1,021	967	1,015
Poultry	420	409	435	458	499	499	505	541	530	503	512	498	521	520	499	495	524	524	519	558	561	590	668	788	800	841	778	724
Total	5,164	5,020	4.916	4.762	4,615	4,369	4,287	4,322	4,329	4.190	4.160	4.223	4,405	4,613	4,671	4,638	4.600	4,607	4.575	4.758	4,818	4.738	4,991	5.444	5.799	5.635	5,459	5,427
Delta States																												
Horses and mules	1.181	1,201	1,168	1.161	1.152	1,129	1,116	1,107	1,100	1,108	1.113	1.090	1.056	1,040	1,026	1,019	1,000	1,003	1.012	1,039	1,043	1,040	1,036	1,027	1.018	992	952	913
Sheep	60	57	54	52	51	49	48	48	47	47	48	50	51	51	51	50	48	50	52	53	54	54	57	53	48	49	47	41
Dairy cattle	965	936	939	903	881	872	861	858	858	880	937	978	1,062	1,161	1,233	1.234	1,123	1,308	1,322	1,349	1,162	1,164	1,207	1.280	1,297	1.318	1,288	1,226
Beef cattle	580	553	540	500	467	439	406	389	368	381	367	395	438	476	560	569	524	541	563	549	579	620	658	725	801	877	878	865
Hogs	419	369	357	328	275	242	257	276	300	248	235	219	284	344	338	313	334	371	384	448	452	350	379	475	528	392	378	378
Poultry	225	219	234	245	269	266	285	304	297	296	310	284	297	296	279	274	293	313	315	342	333	361	395	451	421	419	390	359
Total	3.430	3,335	3,292	3,189	3,095	2,997	2,973	2,982	2,970	2,960	3,010	3,016	3,188	3,368	3.487	3,459	3,322	3.586	3.648	3,780	3.623	3.589	3.732	4.011	4,113	4.047	3,933	3.782
Southern Plains States																												
Horses and mules	2.792	2,775	2,754	2.754	2,693	2,708	2,703	2,559	2,469	2,363	2.266	2,155	2,089	2,020	1.977	1,906	1,823	1.747	1,624	1,524	1.455	1.376	1.304	1.240	1.172	1.085	988	855
Sheep and goats	795	890	822	802	854	914	1,012	1,102	1,229	1,351	1,504	1,593	1,600	1,658	1.723	1.532	1,576	1,817	1,911	1,953	2,017	2.090	2,172	2,204	2,103	2.067	1,947	1.827
Dairy cattle	1.381	1,357	1,418	1,457	1,460	1.468	1,526	1,578	1,594	1,657	1,712	1.770	1,909	2,063	2.210	2.033	1,999	1.974	1.994	2.038	2.056	2.098	2.231	2,349	2.367	2.353	2.202	2.107
Beef cattle	3,752	3,896	3,946	3.760	3,389	3.159	2,777	2,654	2.538	2,676	2.767	2,822	2.966	3.289	3.714	3.210	3.165	3,196	3.002	2,630	3.010	3.154	3.510	3.907	4.138	4.314	4,232	4,117
Hogs	777	775	759	708	603	418	452	508	566	545	485	431	579	678	569	398	451	523	489	617	708	555	678	948	990	615	629	528
Poultry	488	473	506	531	527	531	552	630	648	730	730	690	710	697	622	565	634	643	636	709	709	711	806	928	877	915	828	739
Total	9.985	10,166	10,205	10,012	9.526	9.198	9.022	9,031	9,044	9,322	9.464	9,461	9,853	10,405	10.815	9.644	9.648	9.900	9,656	9.471	9.955	9.984	10,701	11.576	11.647	11,349	10.826	10.173
Mountain and Inter-mountain States																												
Horses and mules	1,368	1,360	1,365	1,340	1,291	1.247	1.211	1,166	1,130	1,094	1.048	1,005	958	939	906	858	802	742	707	688	692	682	683	691	657	625	585	547
Sheep and goats	1.983	1,865	1,828	1,841	1,808	1,875	1,957	2.050	2,244	2,387	2.481	2,556	2,486	2,421	2.466	2.306	2,238	2.154	2.097	2.162	2,158	2.198	2.295	2.156	1.982	1.773	1,617	1,446
Dairy cattle	778	794	825	859	911	964	975	982	993	1,012	1,036	1,063	1,091	1,128	1,179	1.095	1.029	1,003	967	988	1,011	1.042	1,099	1,147	1,174	1.153	1,082	1,030
Beef cattle	2.870	2.659	2,724	2.658	2,547	2.365	2.250	2.118	2,059	2,086	2,152	2,207	2,249	2.448	2,769	2.434	2,319	2.130	2.033	2.069	2.175	2.327	2,563	2,828	3.154	3.229	3.249	3,187
Hogs	229	206	235	292	320	261	256	263	275	282	265	279	297	247	217	144	165	197	190	217	291	257	310	430	425	243	223	194
Poultry	185	179	192	203	205	209	217	229	236	287	295	289	269	266	259	234	254	242	235	269	266	271	306	348	343	354	311	277
Total	7.413	7.083	7,169	7,193	7,082	6.921	6,866	6.808	6,937	7,148	7,277	7,399	7,350	7,449	7,796	7.071	6,807	6,468	6.229	6,393	6.593	6.777	7,256	7.600	7,735	7.377	7,067	6.681
Southwestern States																												
Horses and mules	303	307	309	305	304	298	285	269	251	236	235	224	218	213	208	206	202	198	192	183	181	179	174	168	165	162	155	152
Sheep and goats	581	568	539	509	521	533	546	562	578	581	603	655	681	634	615	563	525	515	508	511	513	509	498	484	454	402	352	321
Dairy cattle	117	116	126	124	122	124	121	125	129	135	137	144	149	159	166	163	163	160	153	160	162	160	168	174	174	162	153	143
Beef cattle	1,624	1,655	1,662	1,434	1.335	1,248	1,082	1,053	945	872	928	962	1,011	1.103	1,219	1.054	1.085	1.138	1.111	1,044	1,039	1,056	1.104	1,099	1.125	1.083	1.057	993
Hogs	28	26	26	25	19	17	15	16	15	15	16	17	20	22	18	13	16	20	22	24	28	25	28	39	36	27	21	18
Poultry	24	22	24	25	27	28	29	31	32	37	37	36	37	37	36	31	33	33	30	33	30	30	34	41	42	46	39	35
Total	2.677	2,694	2,686	2,422	2,328	2,248	2,078	2.056	1,950	1,876	1.956	2.038	2.116	2.168	2,262	2.030	2.024	2.064	2.016	1,955	1,953	1,959	2.006	2.005	1.996	1,882	1.777	1.662
Pacific Coast States																												
Horses and mules	840	804	787	754	743	716	679	641	617	582	548	519	487	477	473	478	464	444	418	402	387	376	364	351	324	296	281	266
Sheep and goats	842	793	711	710	761	812	843	877	924	970	1,003	1,027	973	936	892	925	904	917	860	838	803	810	804	758	685	618	536	498
Dairy cattle	1.347	1,366	1,409	1,495	1.542	1,536.	1,544	1.553	1.586	1,613	1,646	1.690	1,736	1,782	1,796	1.797	1,808	1,824	1.841	1,876	1,903	1,996	2.085	2,154	2.195	2.214	2,180	2.190
Beef cattle	1,147	1,092	1,103	1.054	1,047	962	897	895	904	895	905	929	922	972	1,022	1.079	1.135	1,207	1.165	1.128	1,129	1.225	1.357	1,491	1,584	1.514	1,501	1.462
Hogs	293	265	252	260	228	179	187	225	252	255	231	217	254	244	214	167	216	196	287	300	332	317	330	371	378	235	231	213
Poultry	396	385	411	432	467	482	527	601	655	701	729	689	607	582	574	568	634	642	620	642	651	668	720	795	803	888	777	685
Total	4.865	4,705	4,673	4.705	4.788	4.687	4,677	4.792	4,938	5,016	5,062	5,071	4,979	4.993	4.971	5.014	5,161	5.230	5.191	5,186	5,205	5.392	5.660	5.920	5.969	5.765	5.506	5.314
United States																												
Horses and mules	21.342	21.058	20,744	20,372	19.821	19.253	18.755	18,085	17,472	16.888	16,378	15.822	15.278	14.890	14.556	14.219	13.762	13.362	12.852	12.467	12.210	11.890	11.542	11.244	10.724	10,177	9.499	8.641
Sheep and goats	6.187	5.973	5.588	5.538	5,622	5,846	6.158	6.517	6,990	7.455	7.904	8,225	8,238	8.137	8.203	7.864	7.776	7.785	7.789	7.883	8.003	8.264	8.562	8.363	7.735	7.099	6.425	5,902
Dairy cattle	25.443	25.213	25.583	25.952	26.152	26.361	26.157	26.019	26,146	26.572	27.564	28.262	29.357	30.559	31.367	30.347	29.535	29.201	29,072	29.526	29.878	30.579	31.648	32,655	33.414	33.328	32,016	31.580
Beef cattle	20.757	20,020	19.881	19,152	18,320	16.851	15.524	14.283	13,666	14,068	14,667	15,272	15.917	17,423	18.858	16.586	17.073	16.106	15.825	15.529	16.655	18.025	19.522	21,541	23.114	23.809	23,151	22.982
Hogs	13.266	13,318	13.639	16,160	15.700	13,122	12,827	13.844	14.355	13,952	13,622	13.804	14,659	14,901	13.798	9.368	10.577	11,167	10,987	13.354	14.964	14.065	16,005	19,624	19.859	14.980	15.365	14,966
Poultry	7.275	7.069	7.544	7.931	8.221	8.310	8,521	8.927	8.878	9,161	9.492	8.970	8,934	9.084	8,640	8.223	8,816	8.553	8,438	9,118	9,095	9.462	10,502	12.040	11.791	12.294	11.245	10.416
Total	94.270	92.651	92,979	95.105	93.836	89,743	87.942	87.675	87,507	88.096	89.627	90.355	92.383	94.994	95.422	86.607	87.539	86.174	54.963	87.877	90.805	92.285	97.781	105.467	106.637	101.687	97.701	94,487

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